

FIG. 1

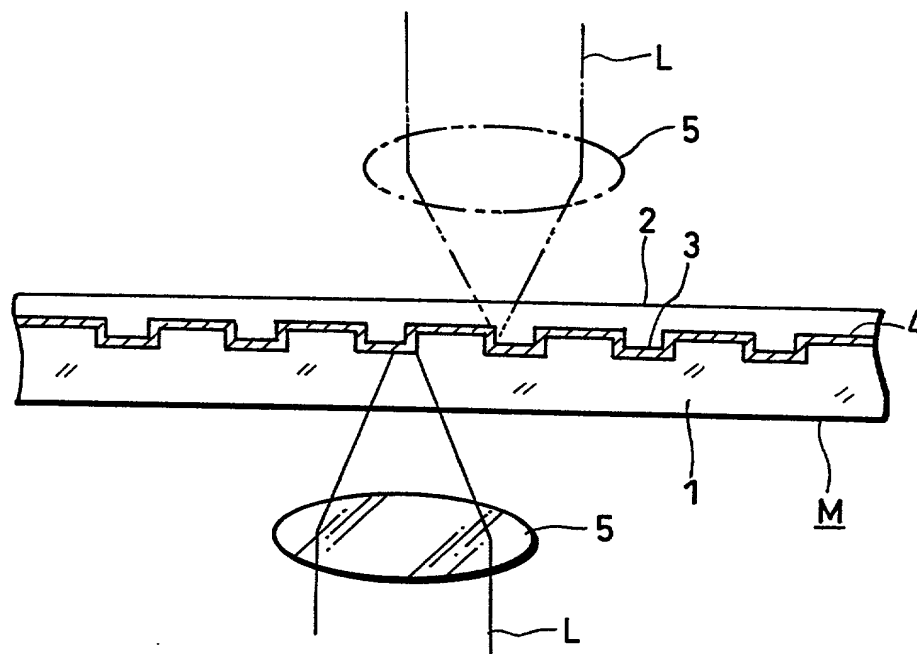


FIG. 2

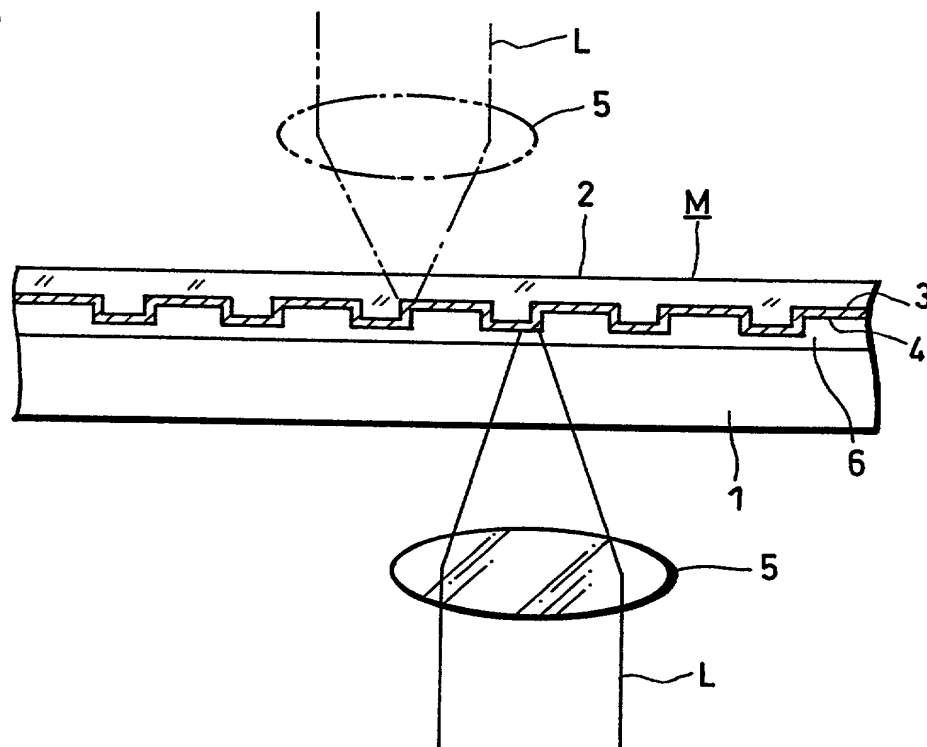


FIG. 3A

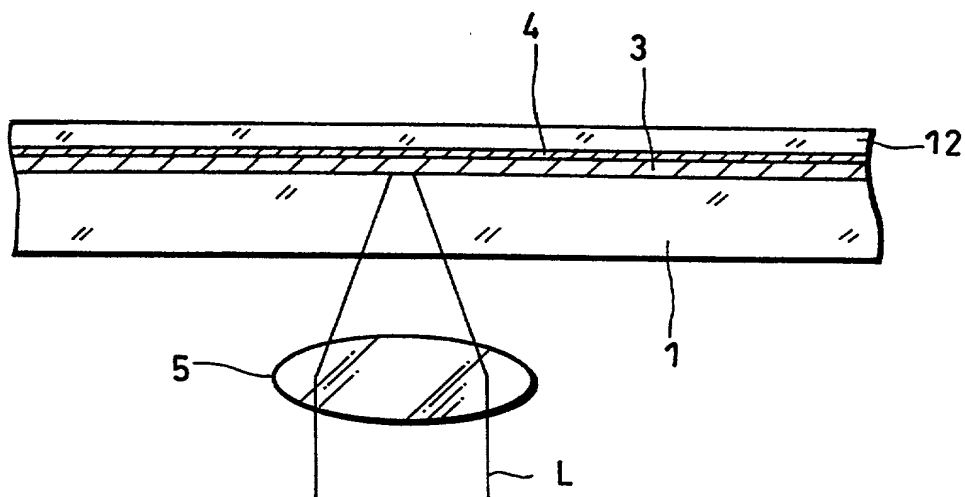


FIG. 3B

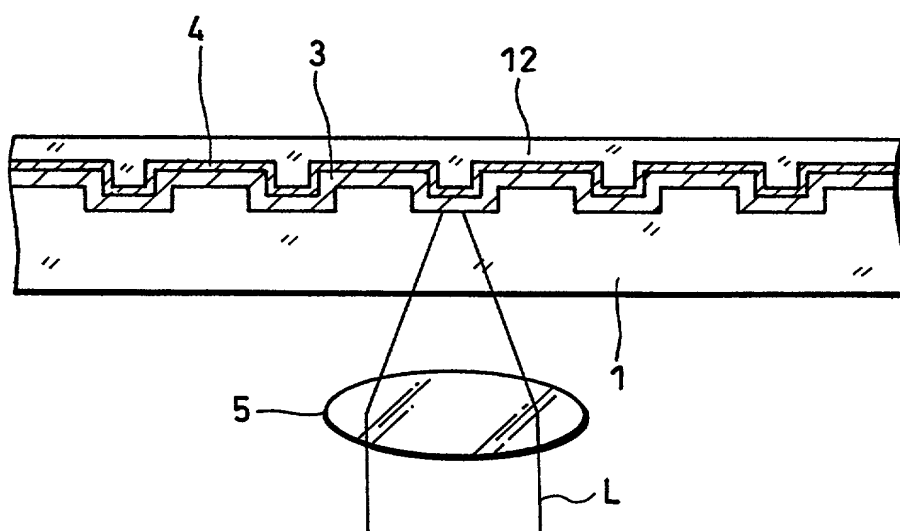


FIG. 4A

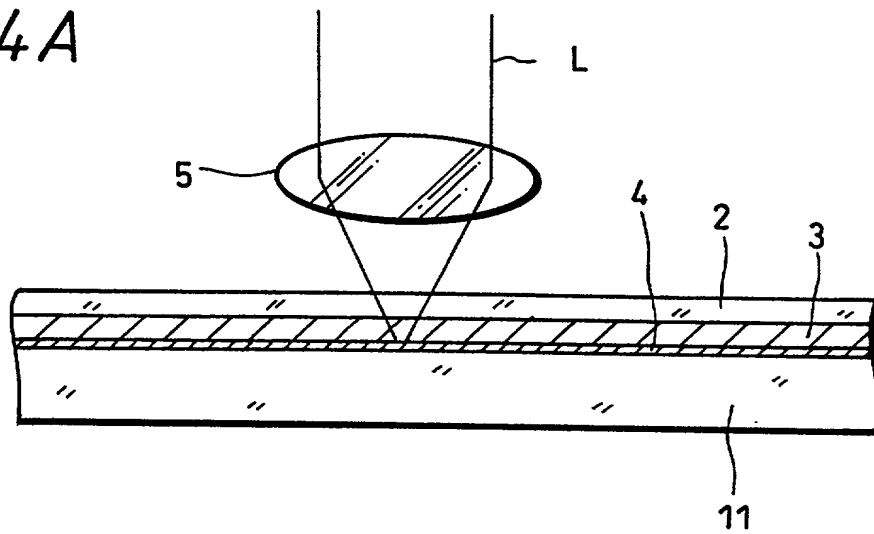


FIG. 4B

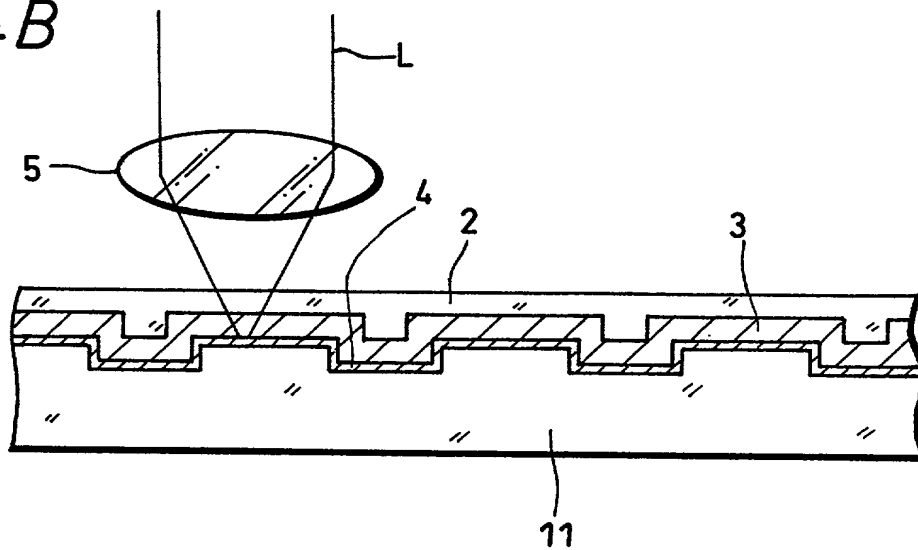


FIG. 5A

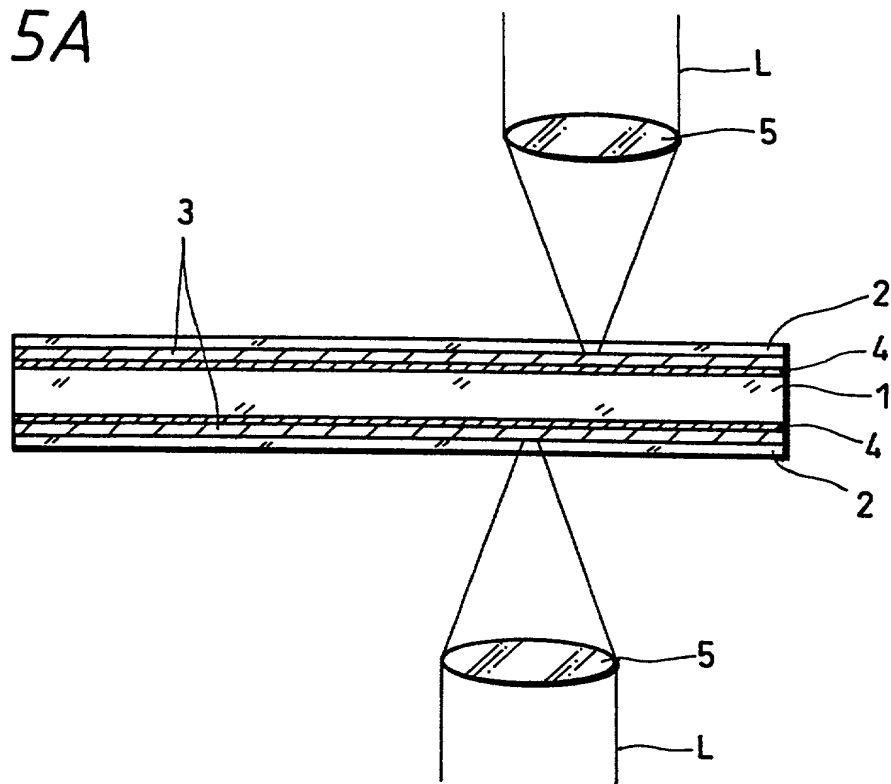


FIG. 5B

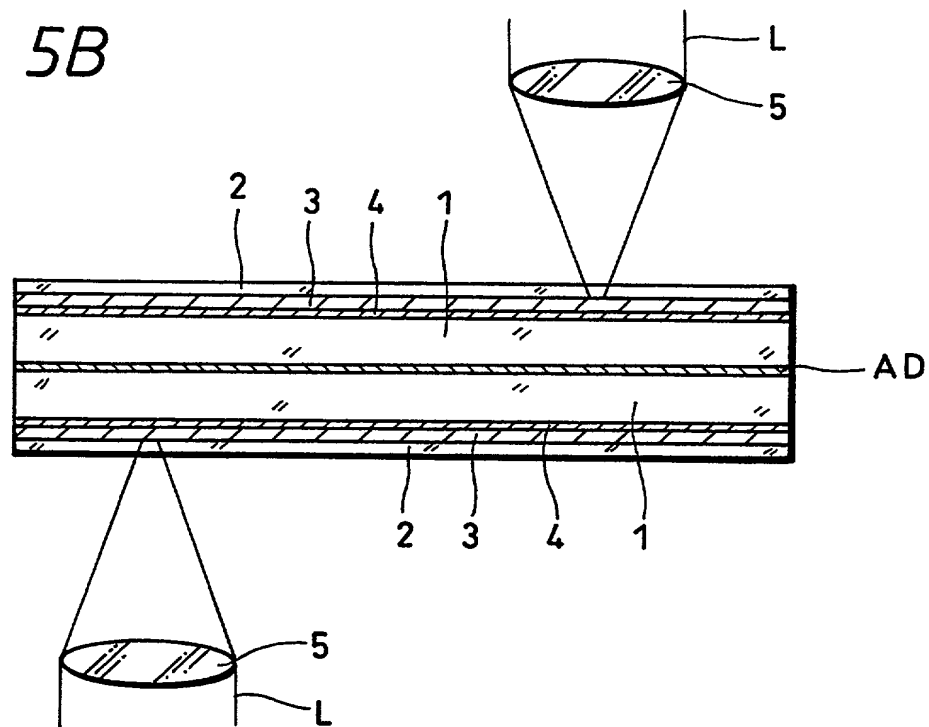


FIG. 6

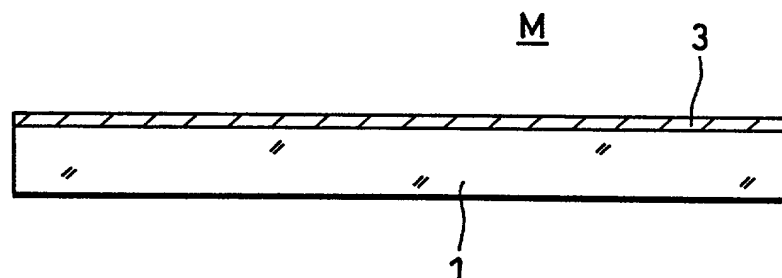


FIG. 7

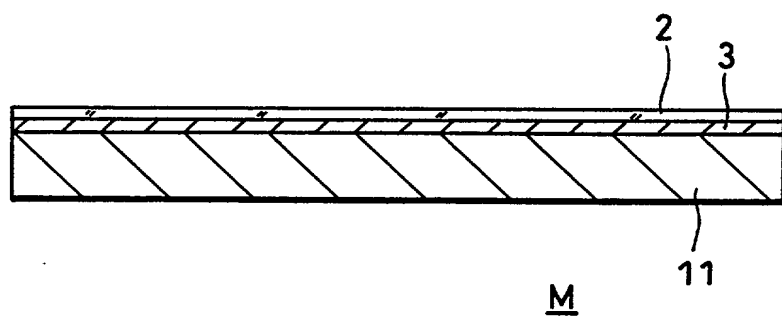


FIG. 8

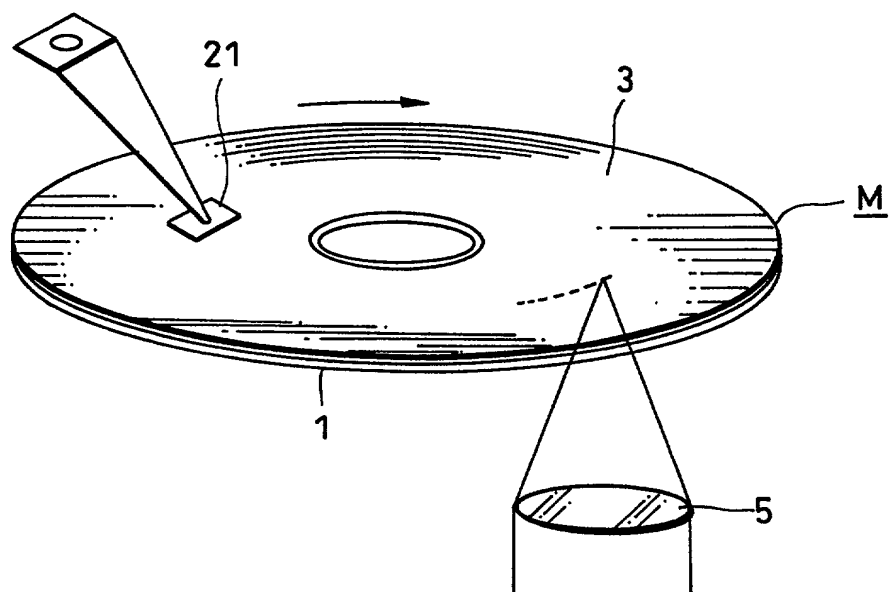


FIG. 9

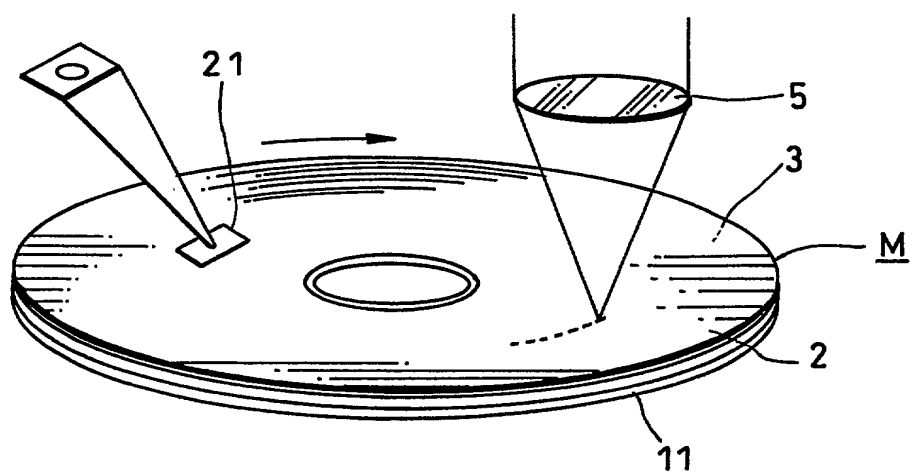


FIG. 10

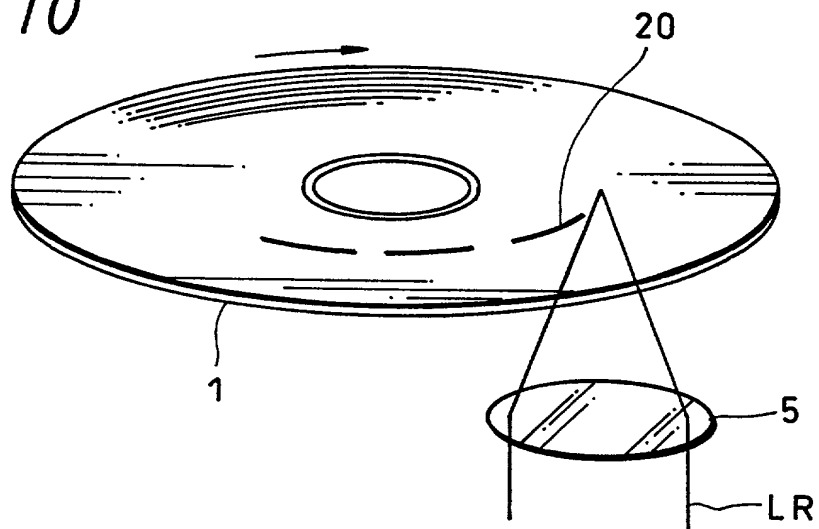


FIG. 11

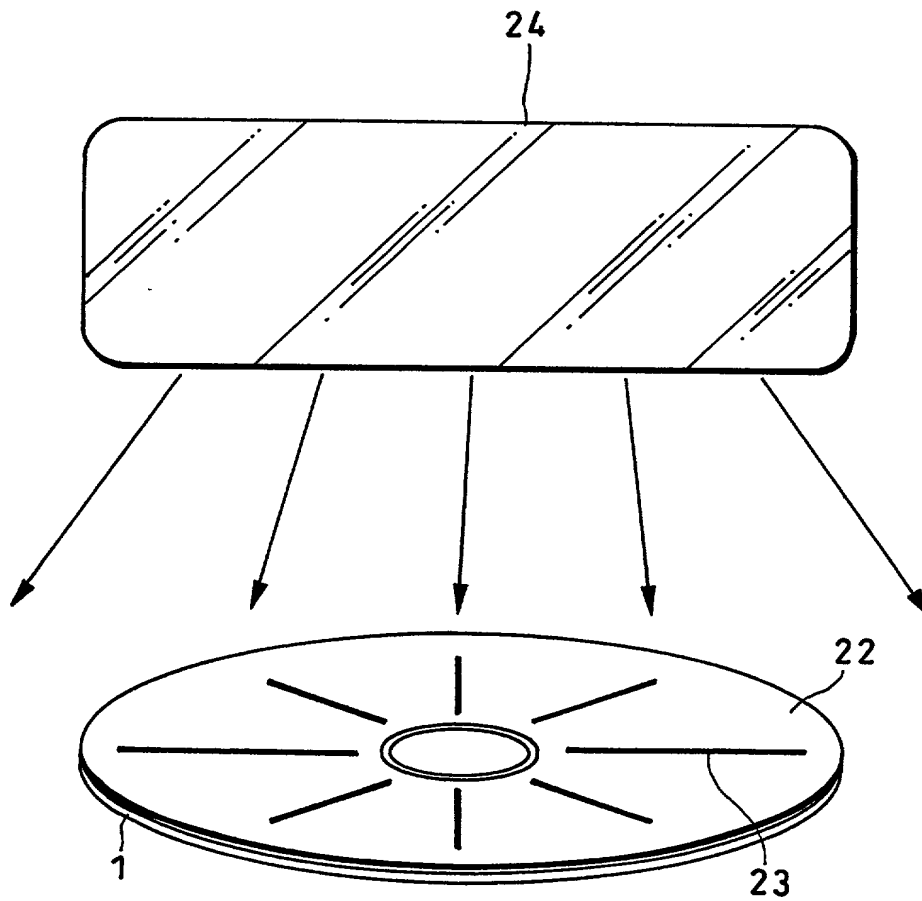


FIG. 13A

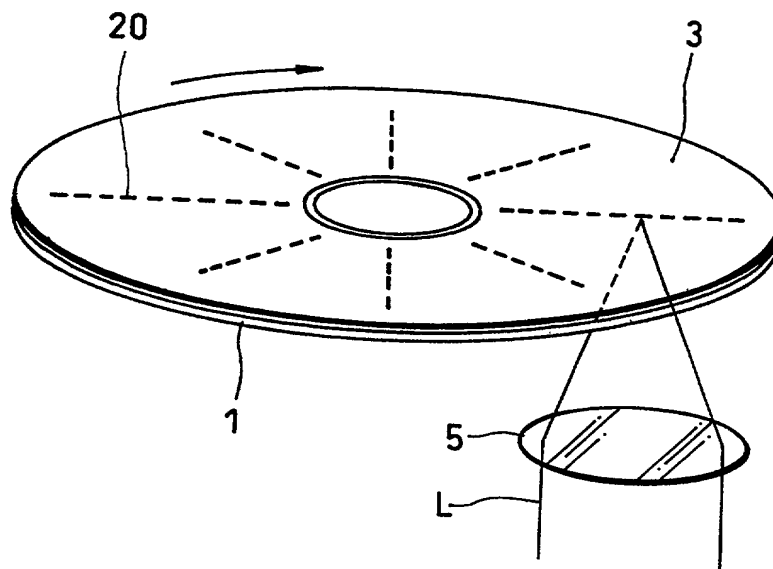


FIG. 13B

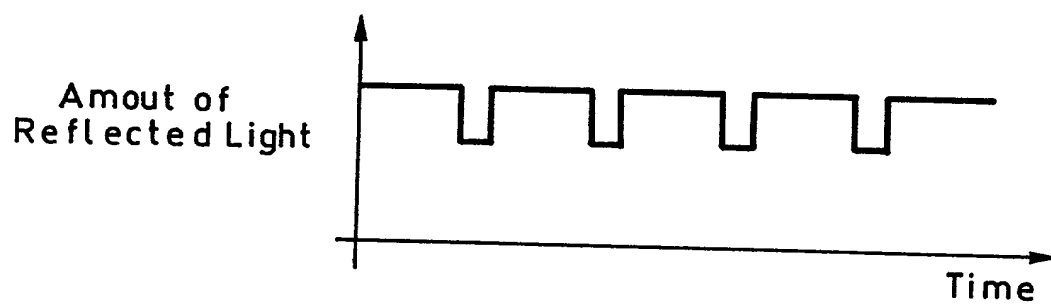
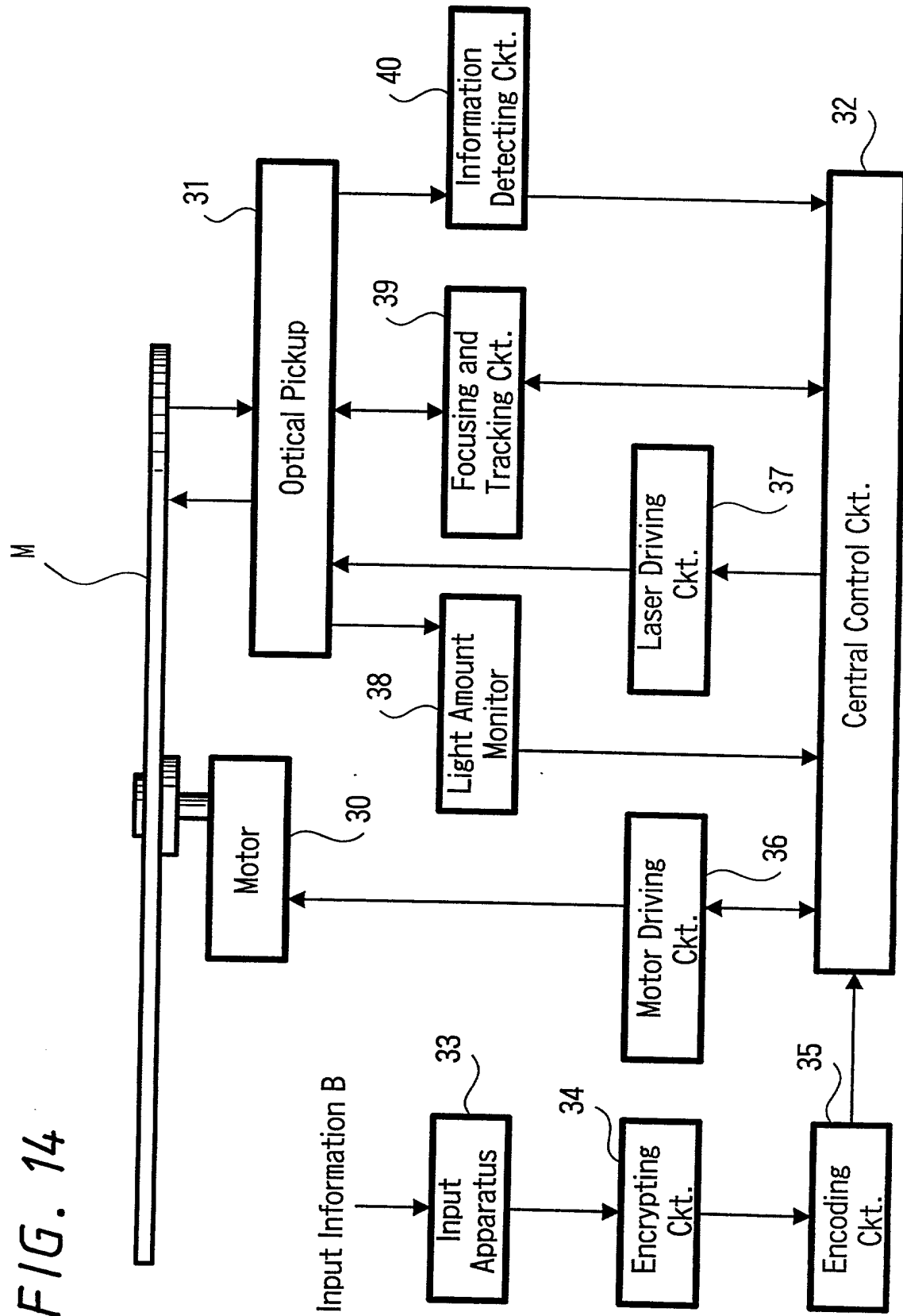
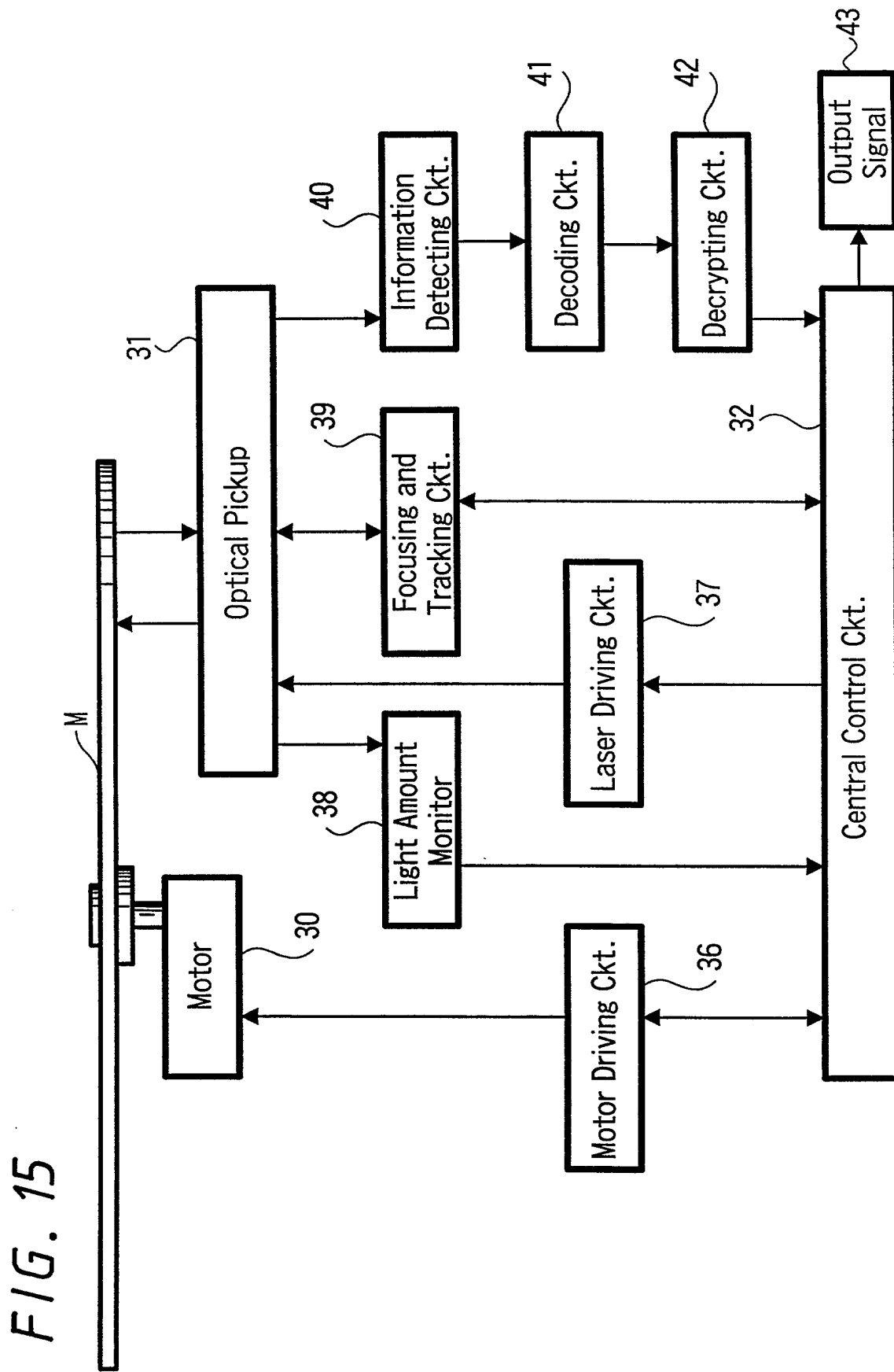
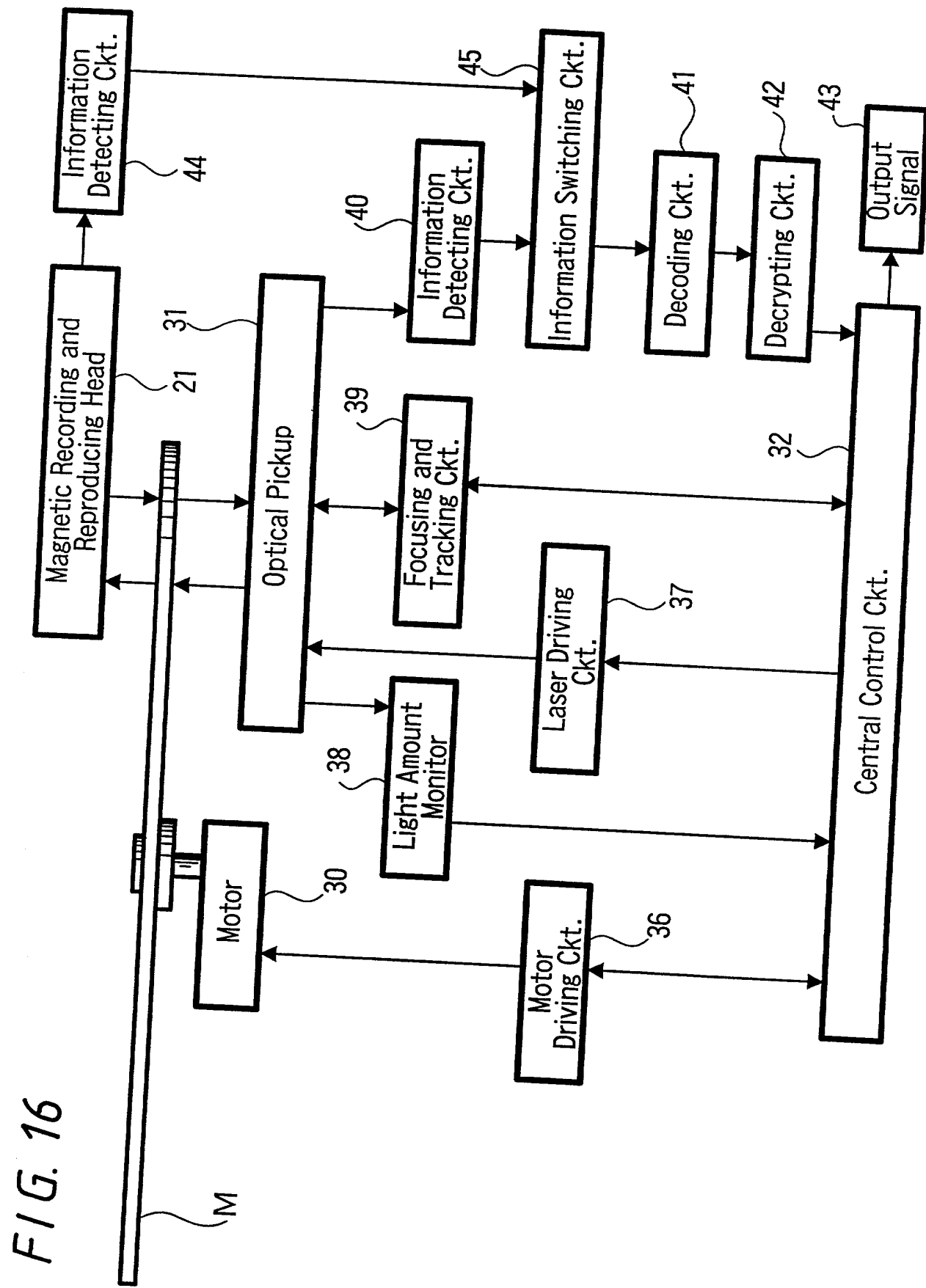


FIG. 14







00000000000000000000000000000000

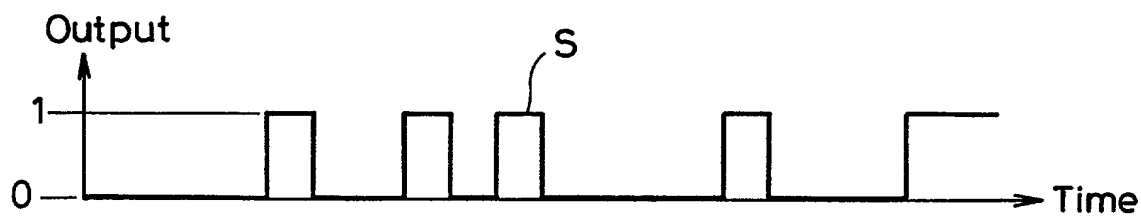
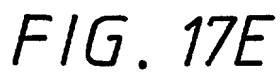
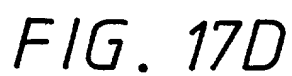
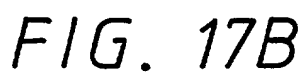


FIG. 18

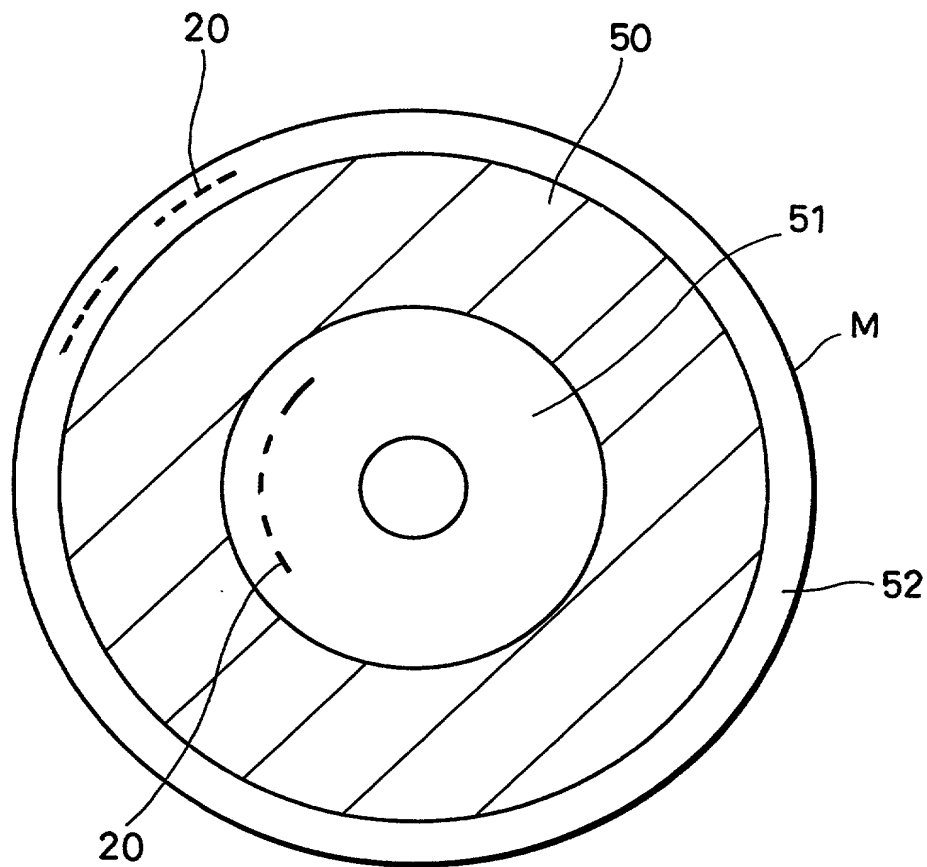


FIG. 19

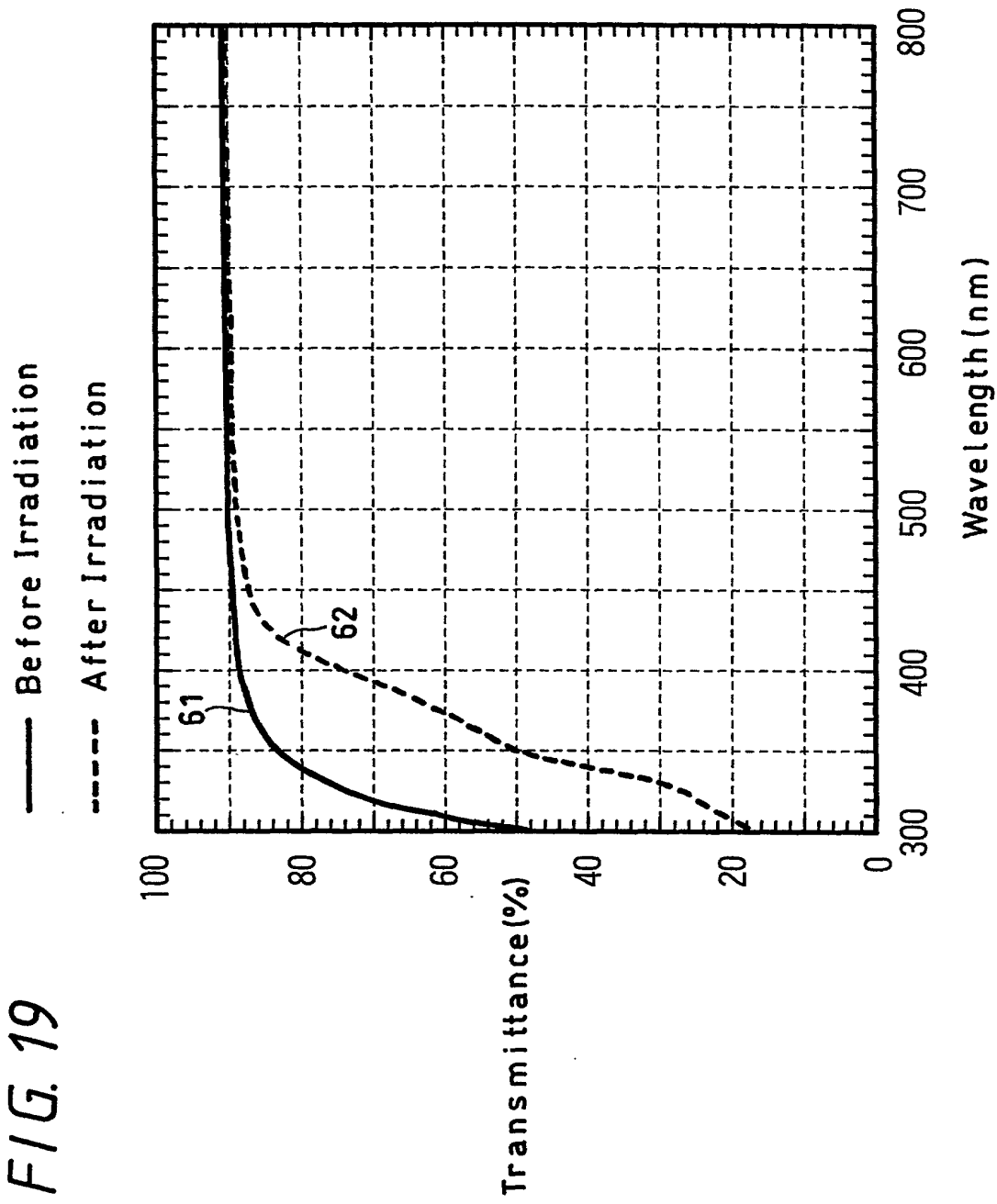


FIG. 20

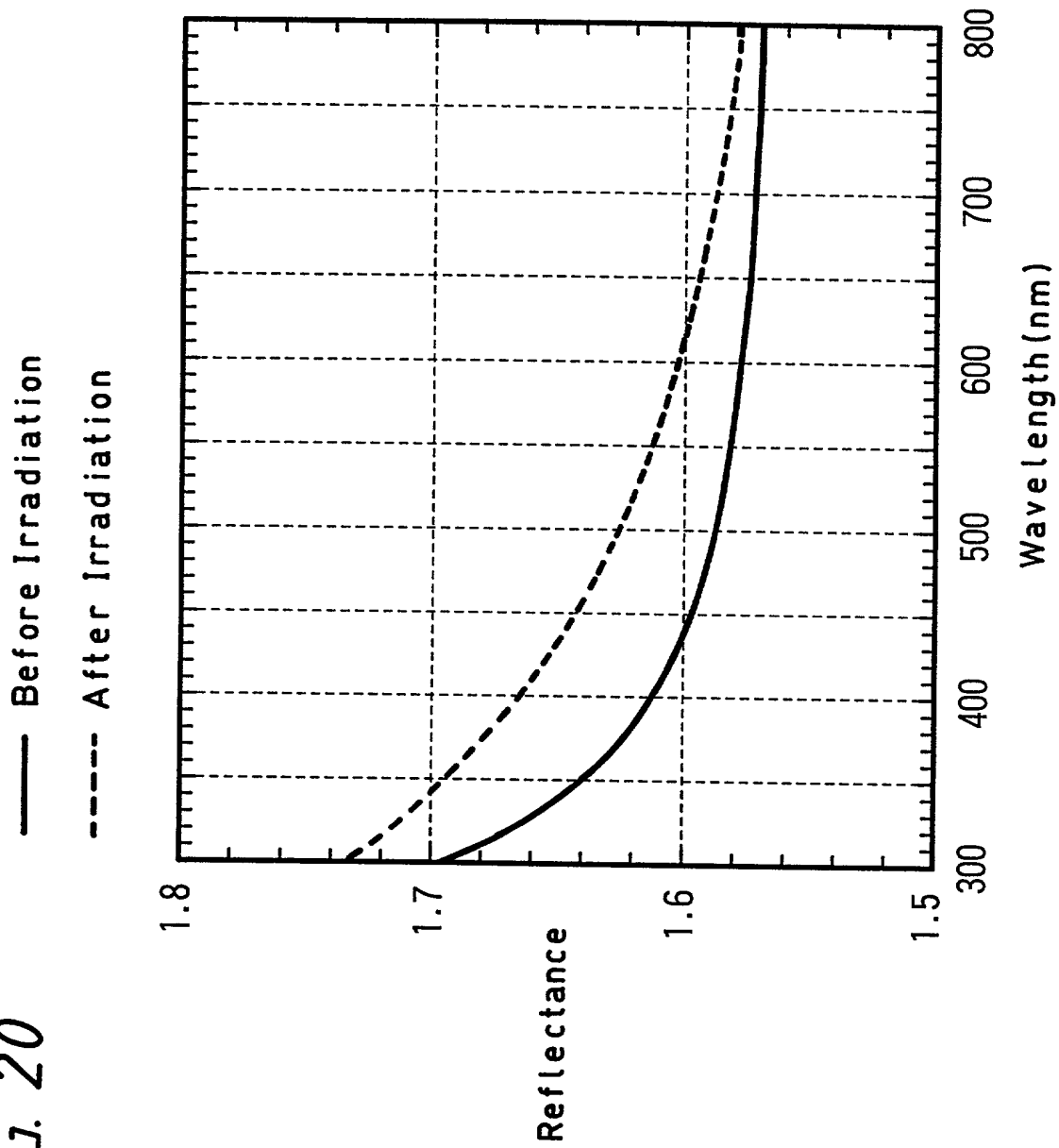


FIG. 21

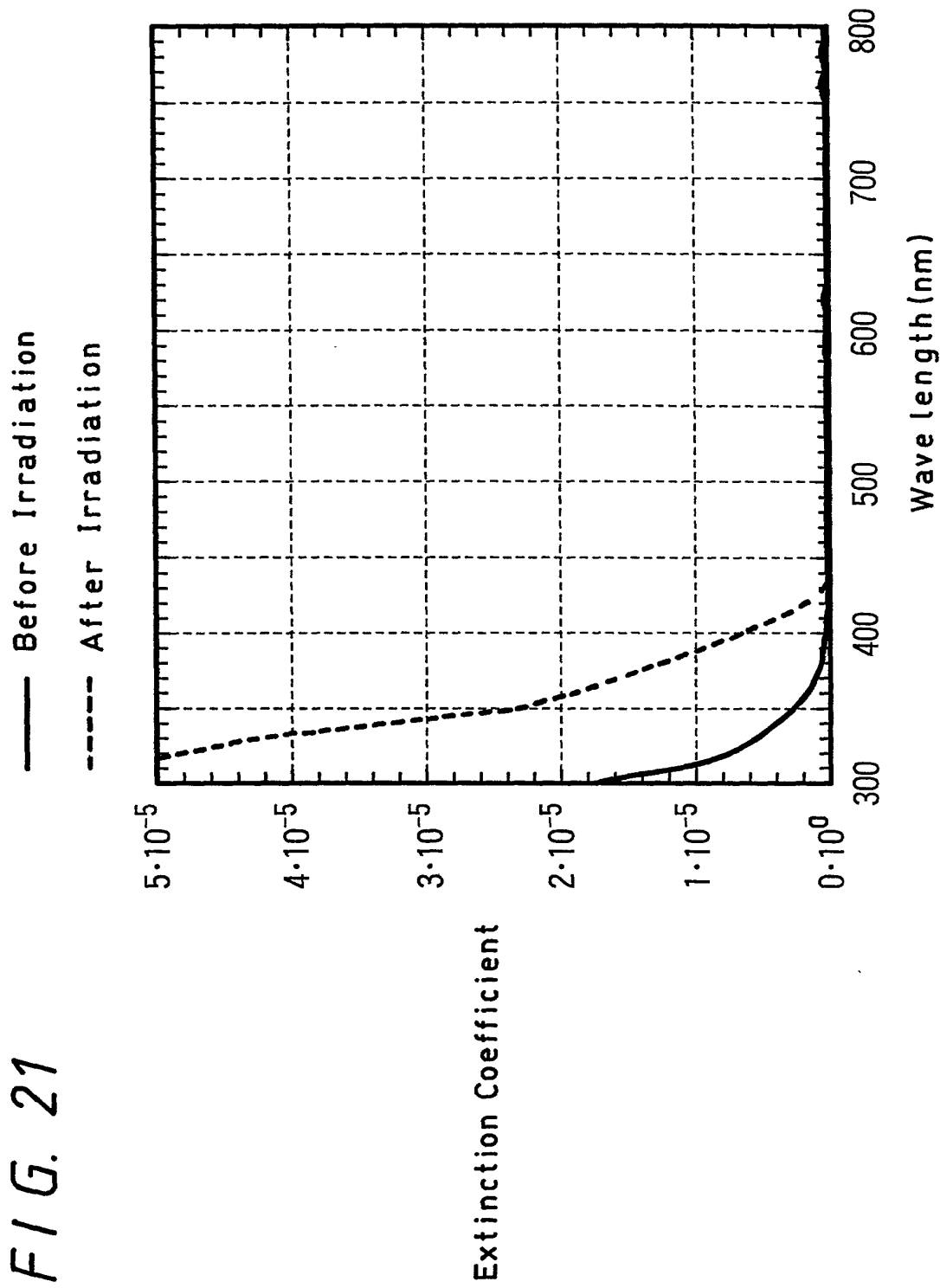


FIG. 22A

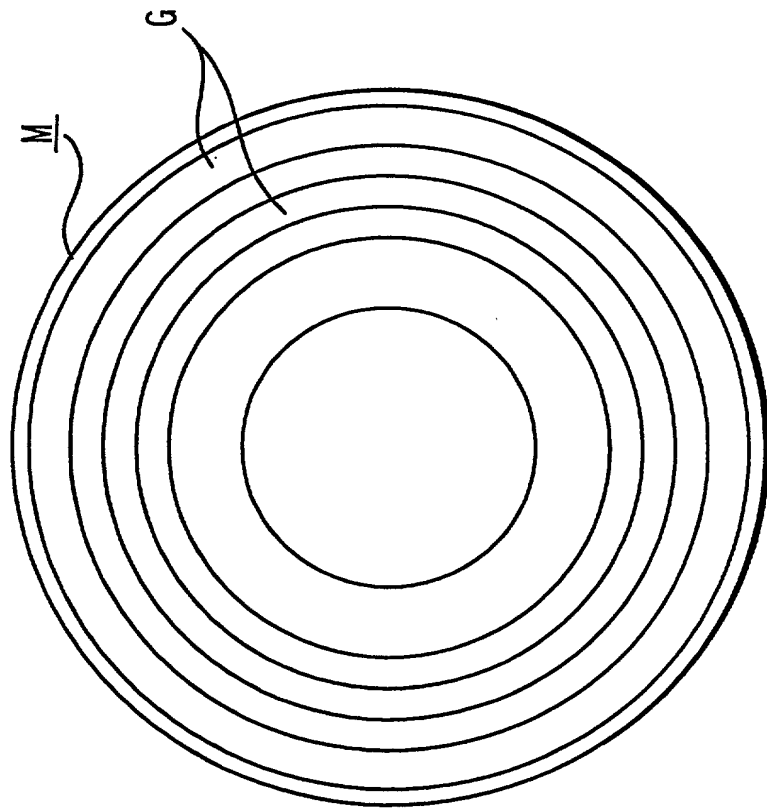


FIG. 22B

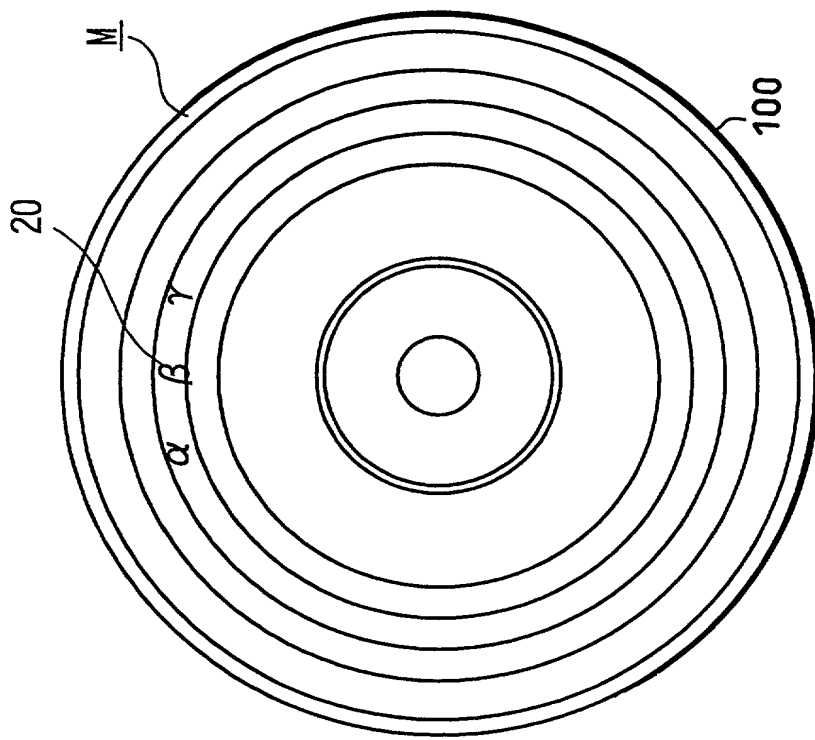


FIG. 23

Reproducing Optical System
Laser Wavelength : 405 nm
NA of Objective Lens : 0.6

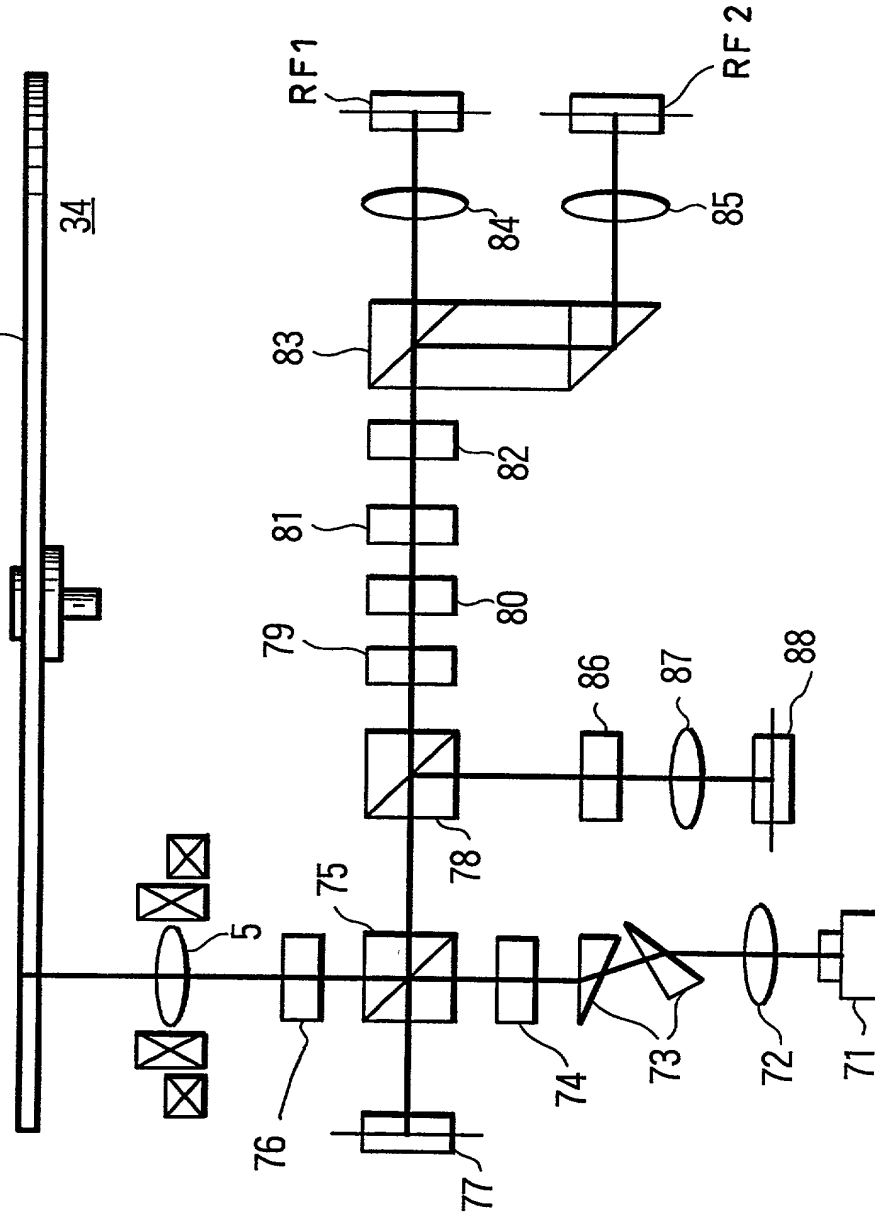
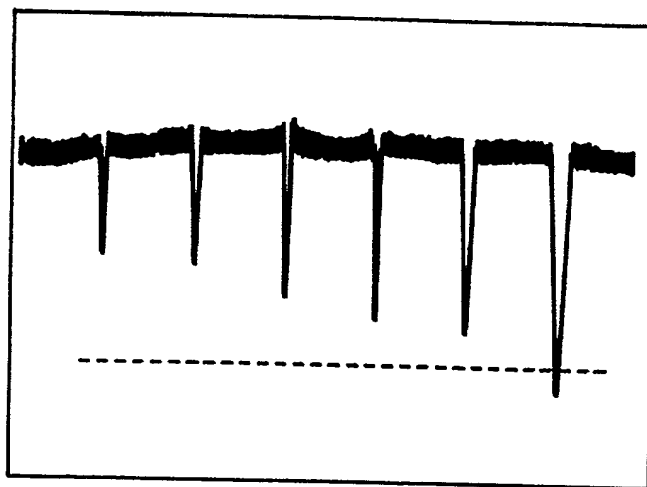
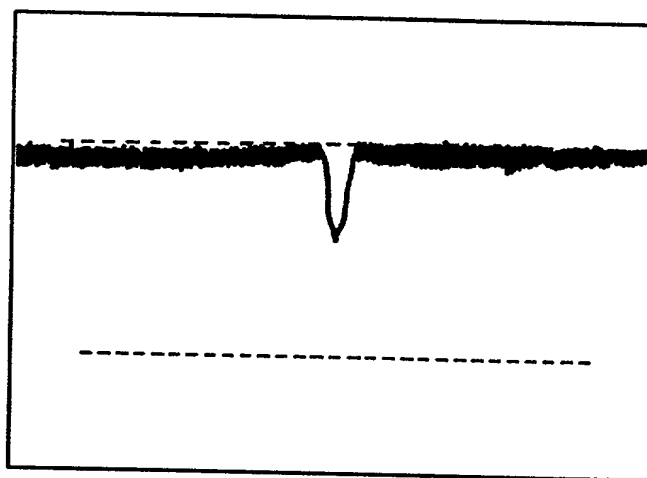


FIG. 24



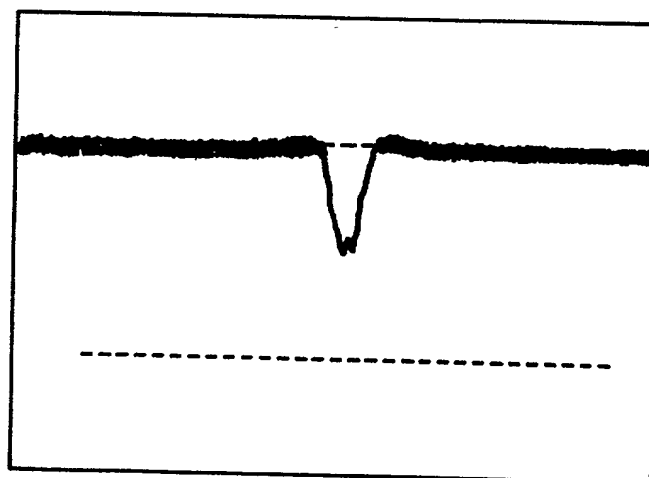
Recording Mark Trains

FIG. 25



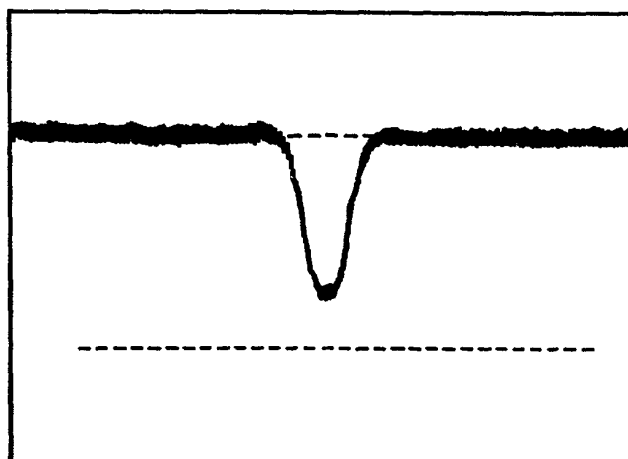
0.3 mm Long Mark

FIG. 26



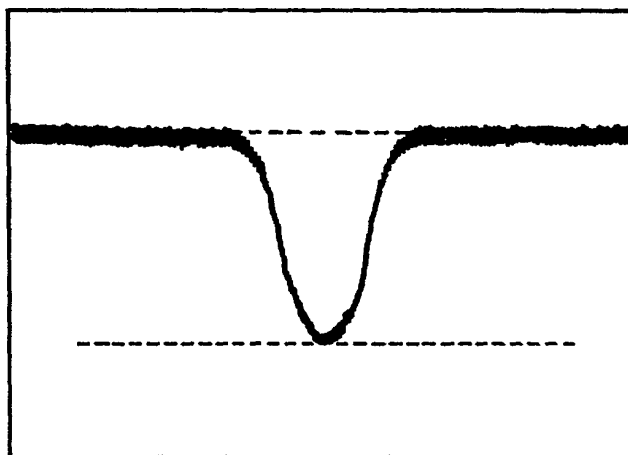
0.5 mm Long Mark

FIG. 27



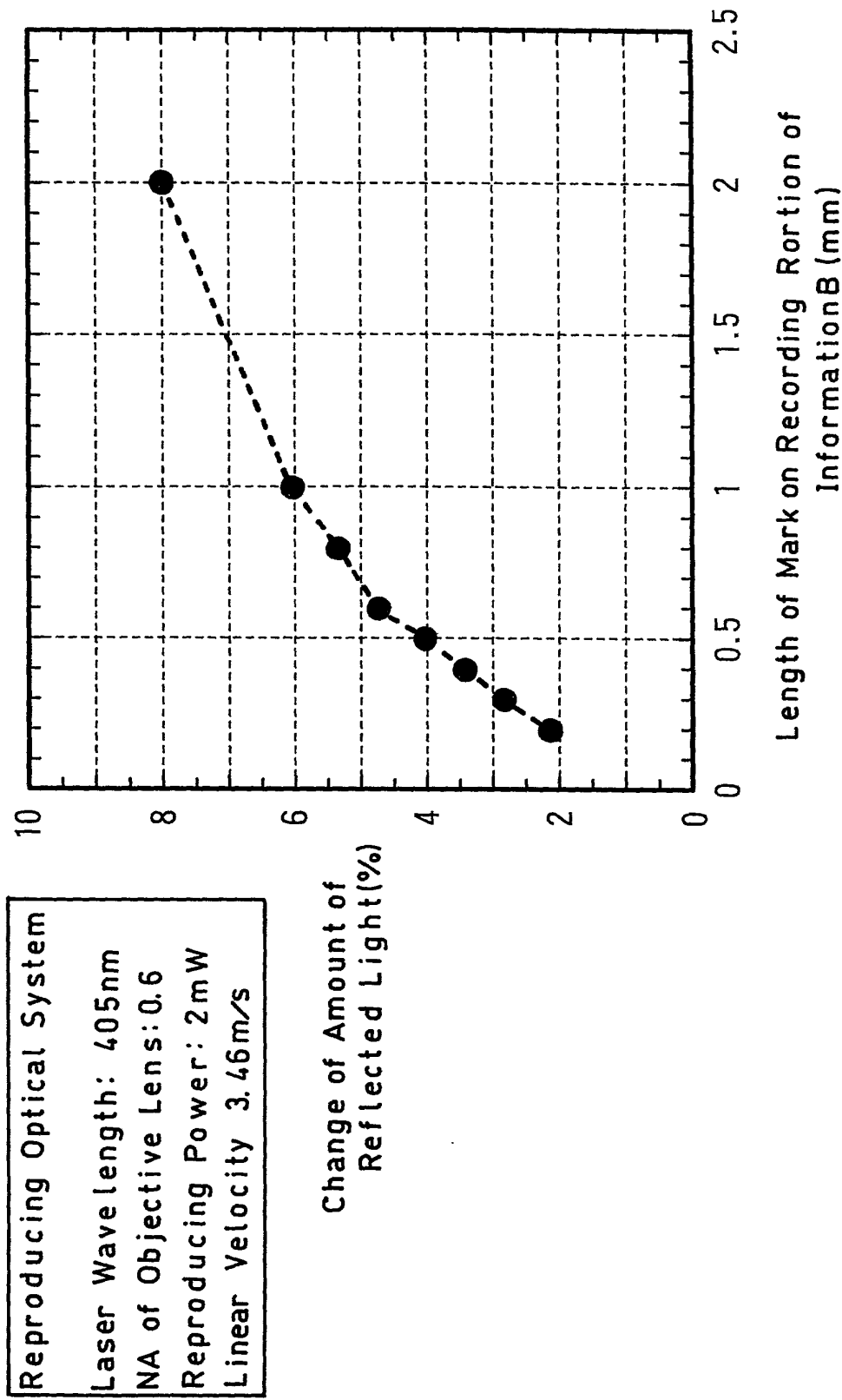
1.0 mm Long Mark

FIG. 28



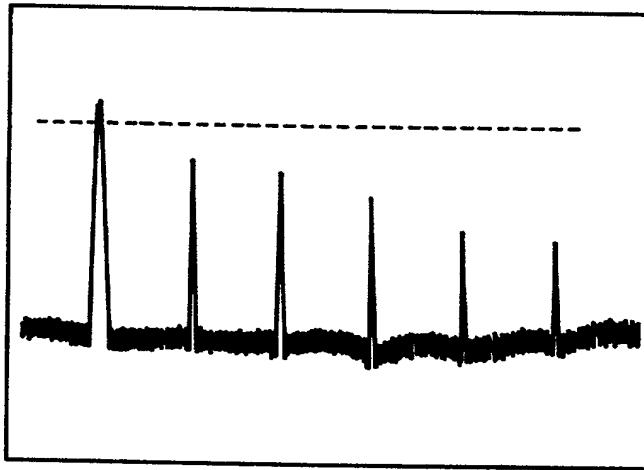
2.0 mm Long Mark

FIG. 29



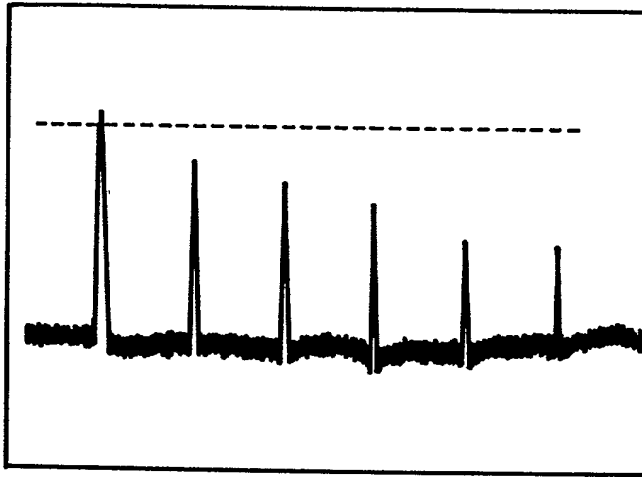
Reproducing Optical System
Laser Wavelength: 405nm
NA of Objective Lens: 0.6
Reproducing Power: 2mW
Linear Velocity: 3.46 m/s

FIG. 30A



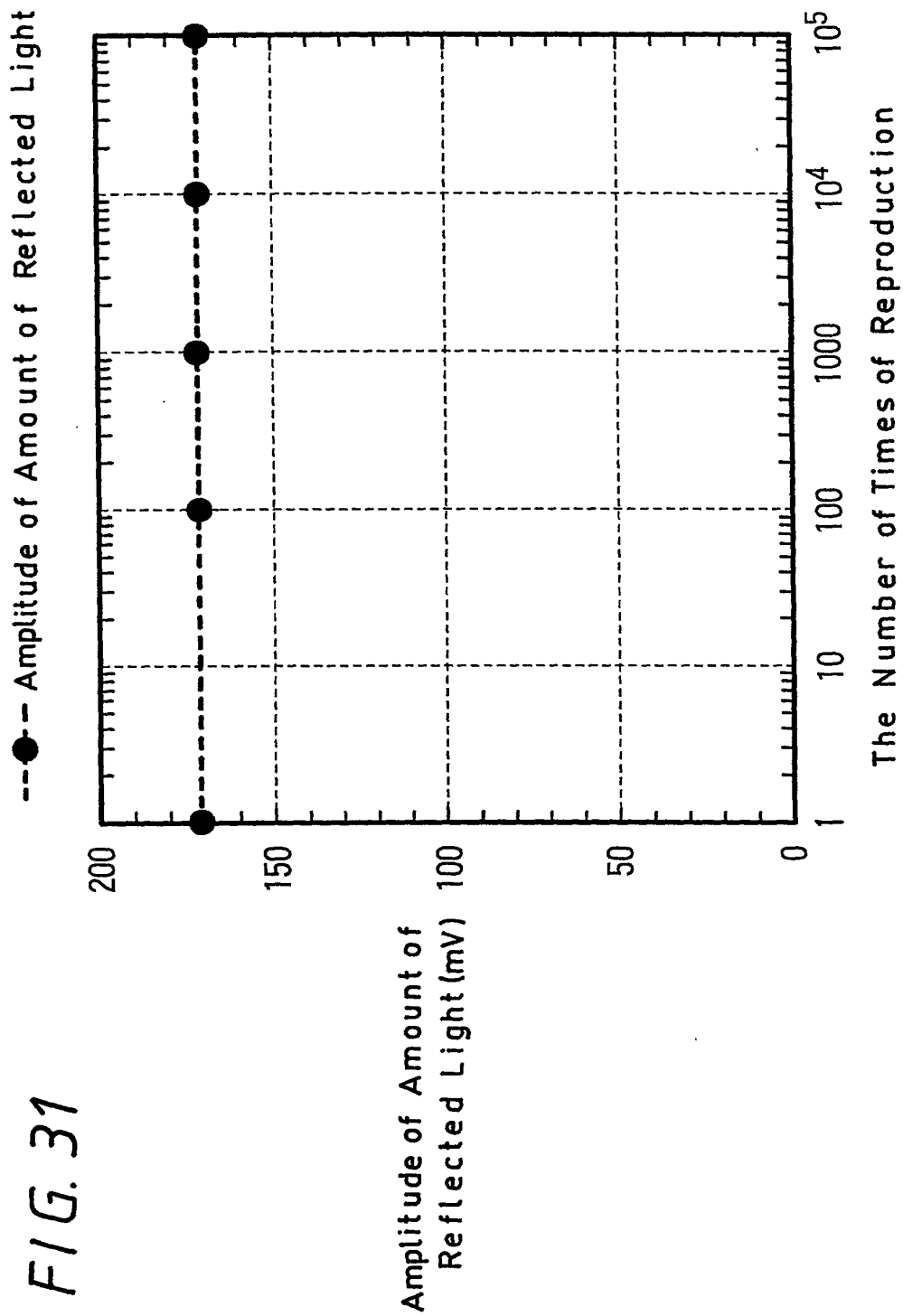
The Number of Times of Reproduction: One Time

FIG. 30B



The Number of Times of Reproduction: 100000 Times

FIG. 31



Reproducing Optical System

Laser Wavelength
: 405nm

NA of Objective Lens
: 0.6

Reproducing Power
: 2mW

Linear Velocity
: 3.46 m/s

FIG. 32A

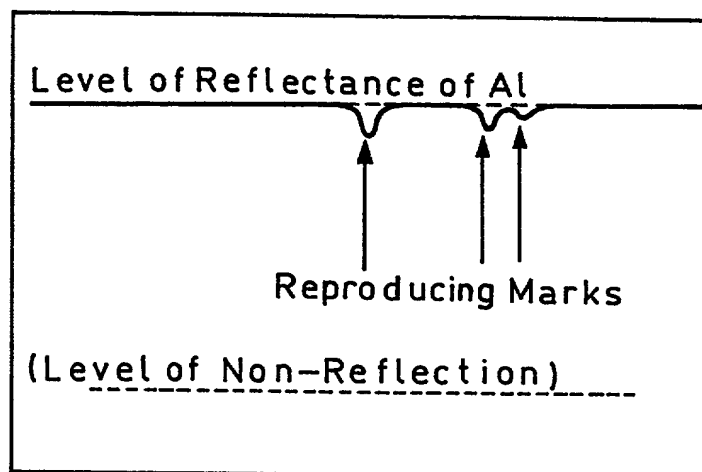
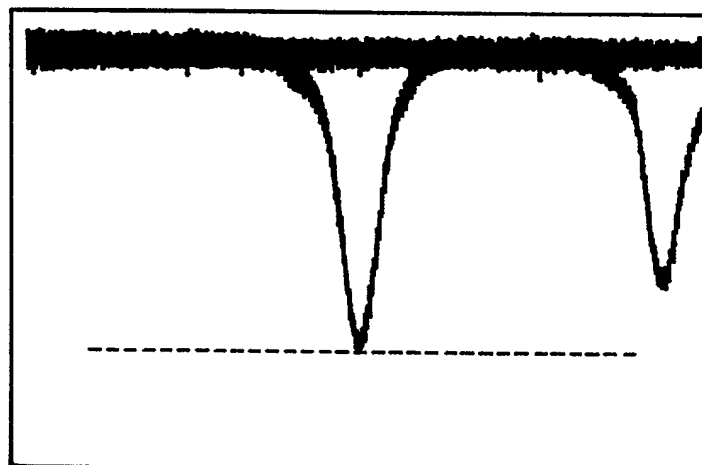
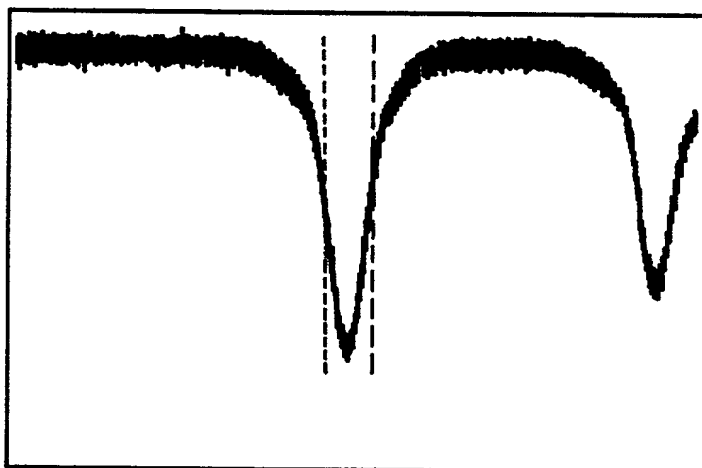


FIG. 32B



Ratio of Change of Amount of
Reflected Light : 10.7 %

FIG. 32C



Recording Mark Length : 0.49mm

FIG. 33

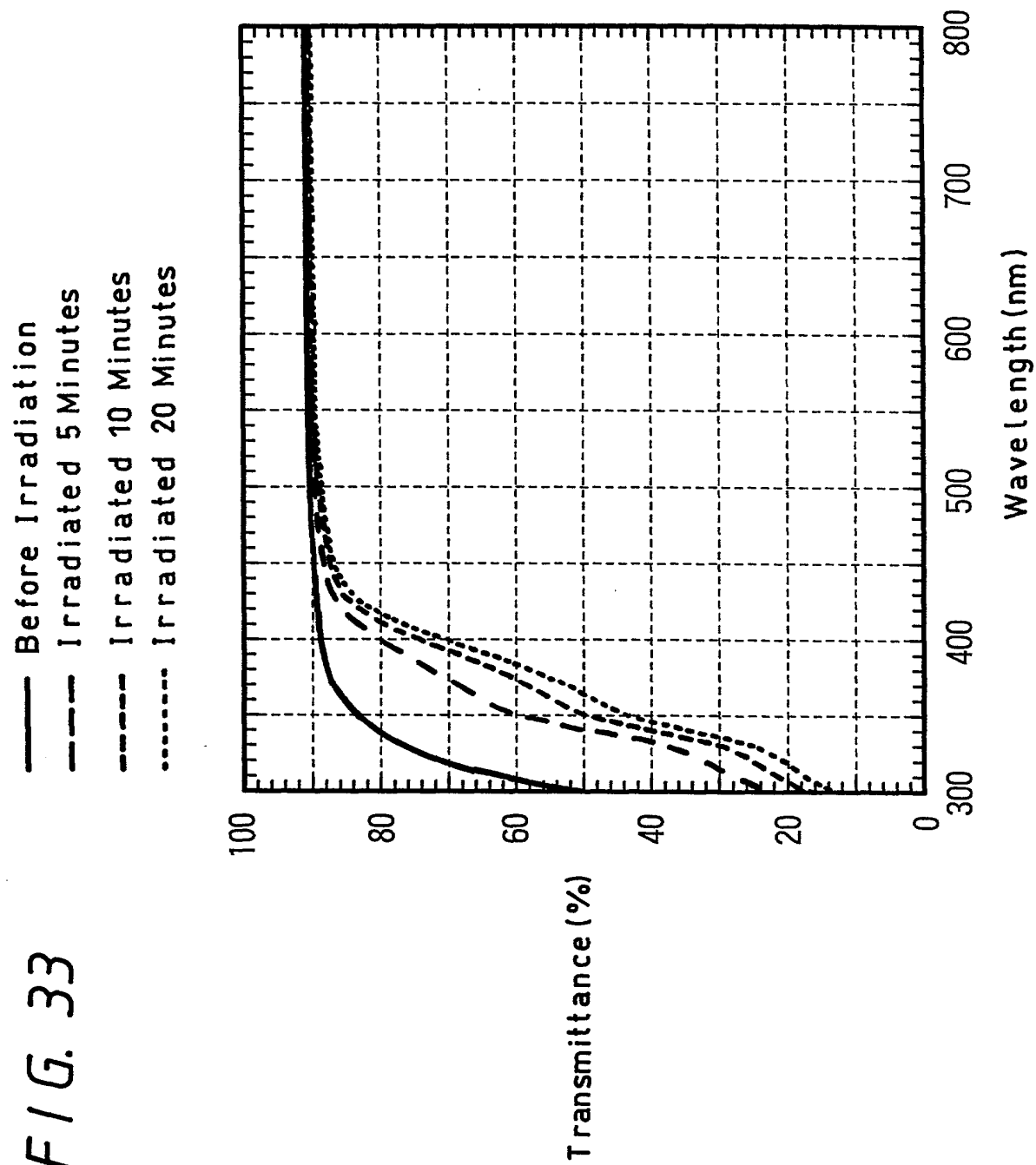
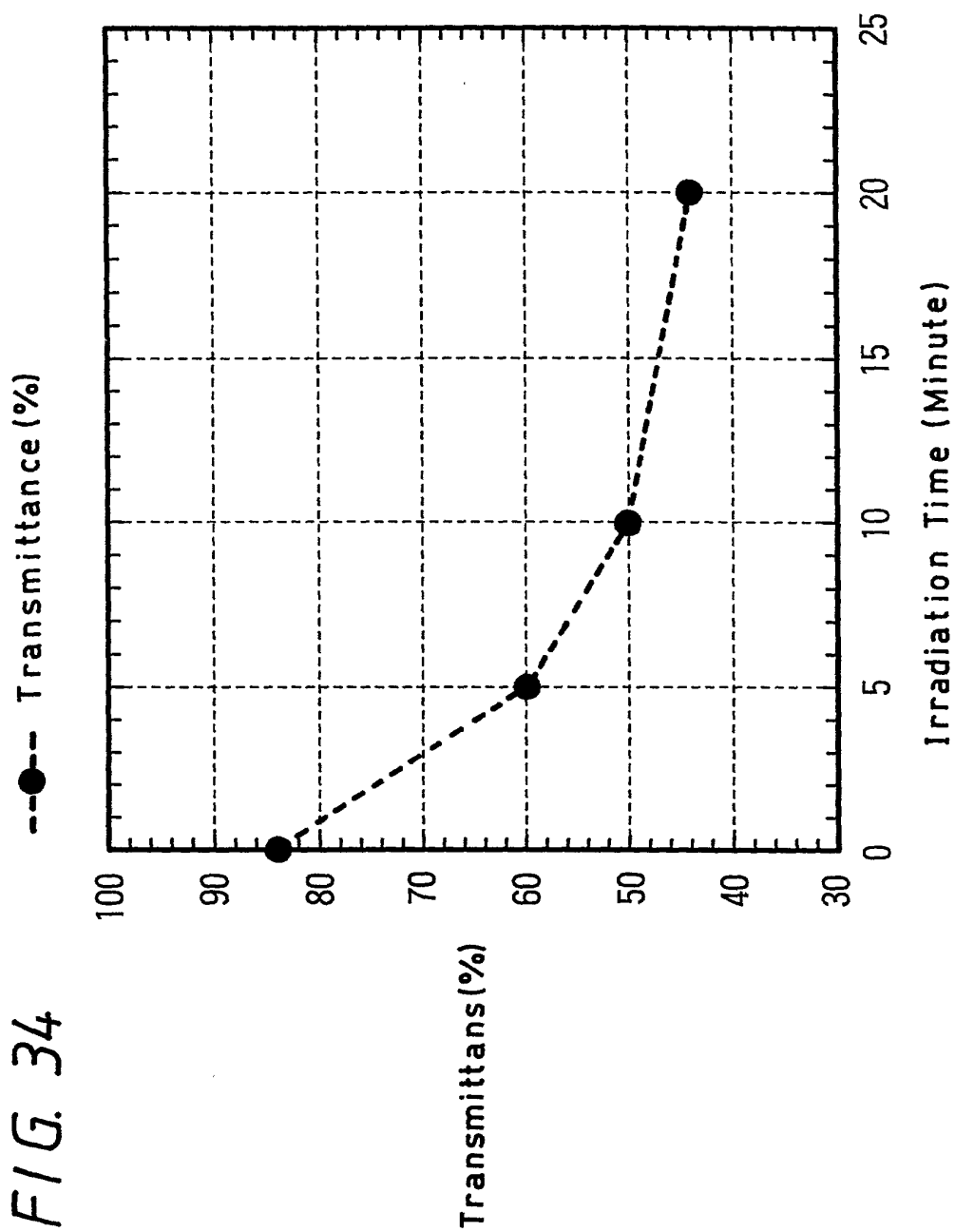


FIG. 34



00000000000000000000000000000000

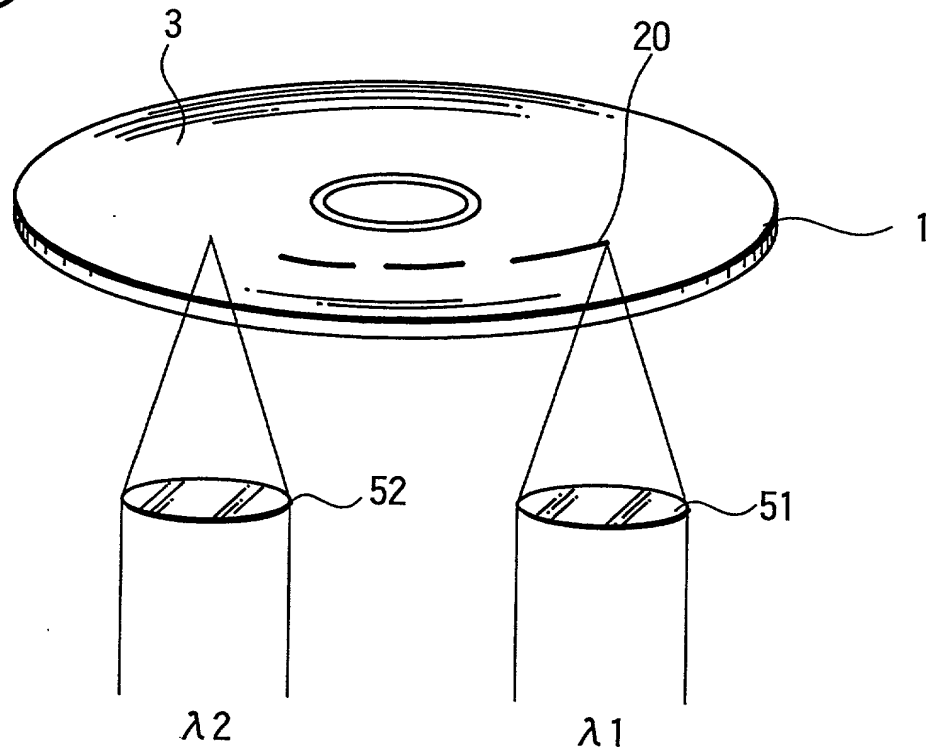


FIG. 36

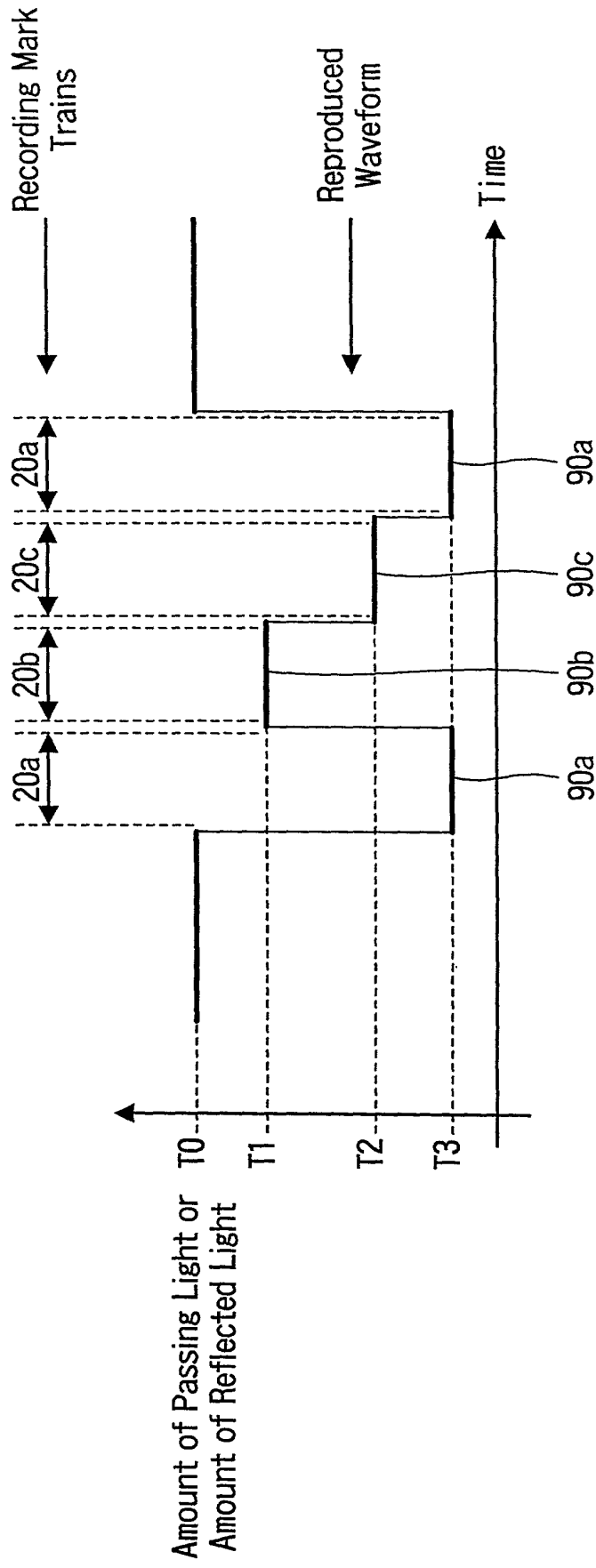


FIG. 37

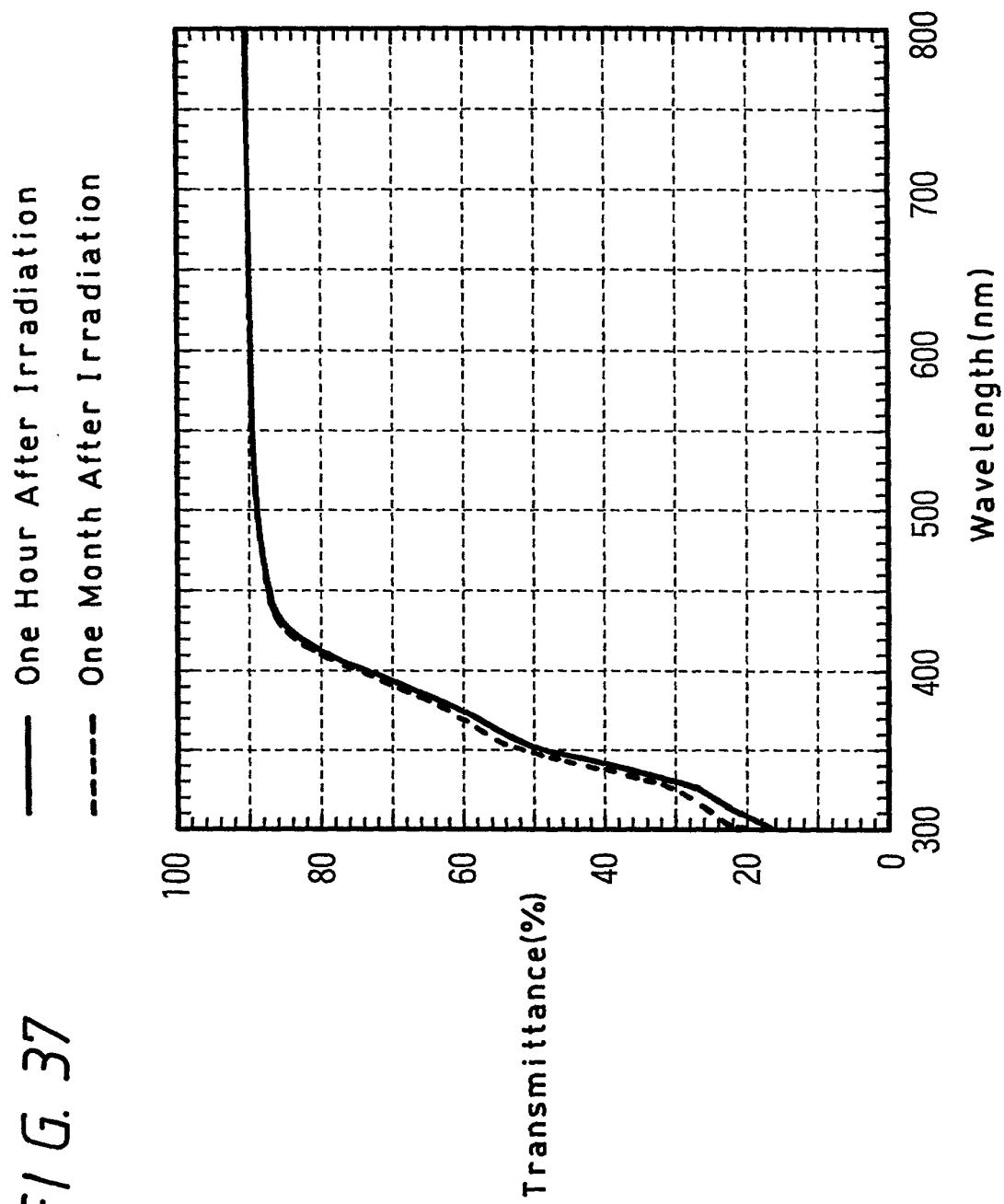
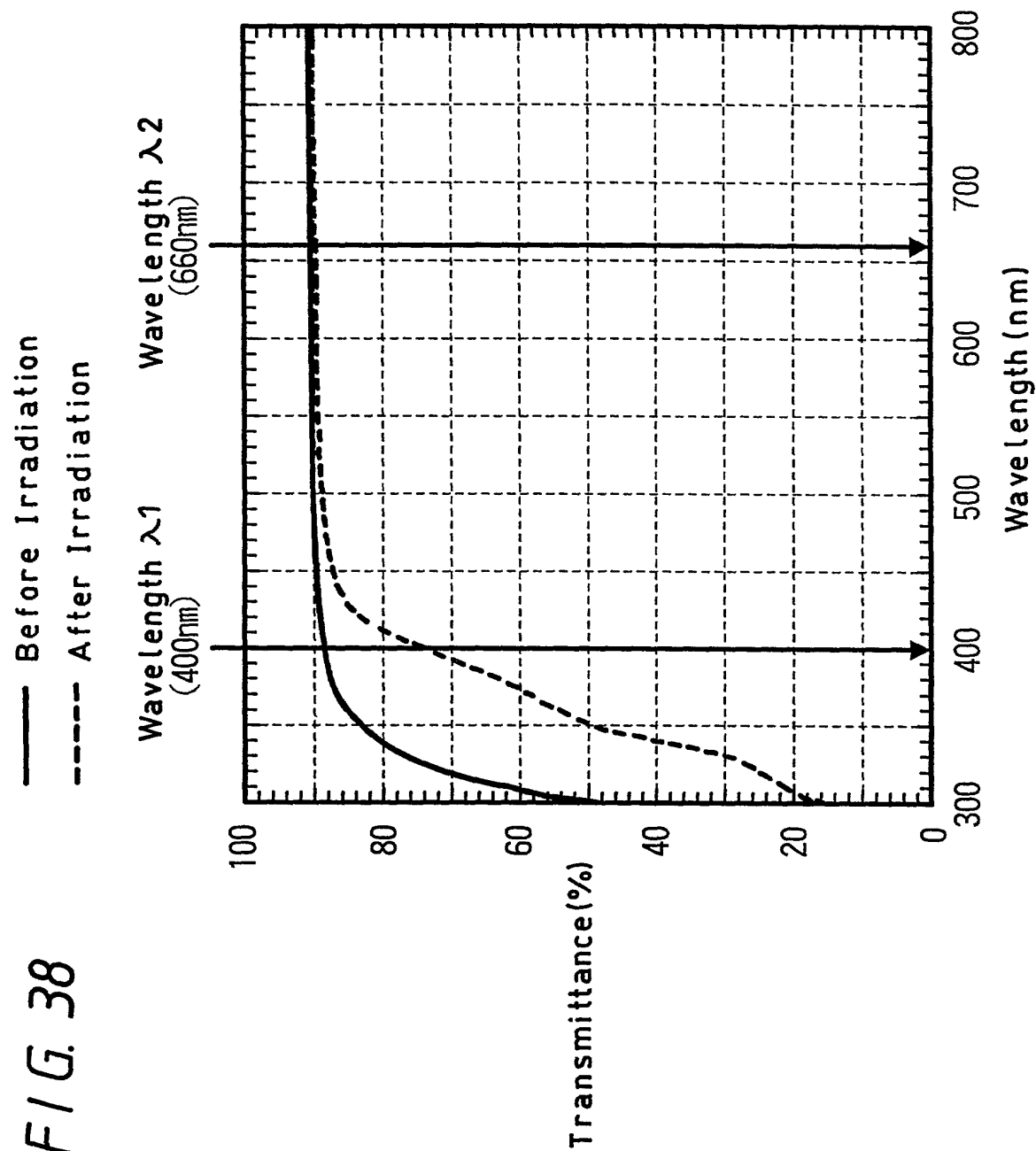
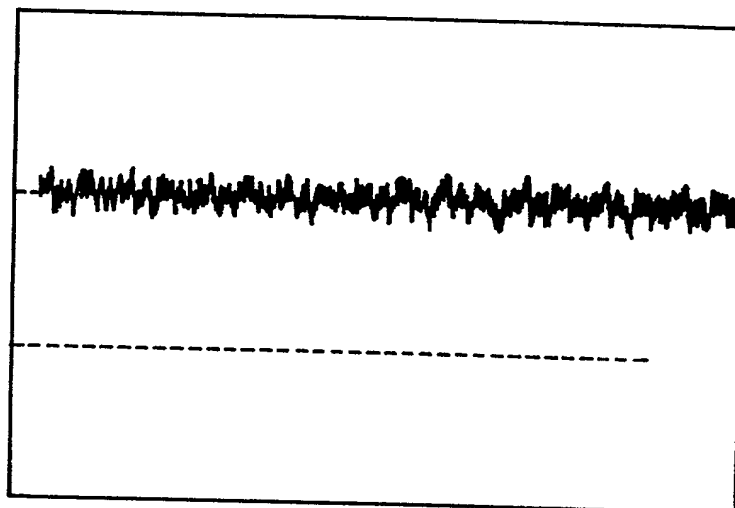


FIG. 38

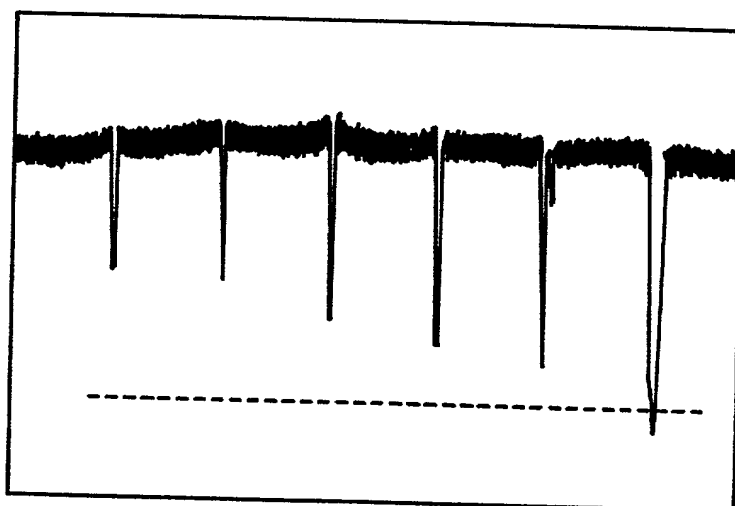


[illegible]

Reproducing Apparatus 1

Laser Wavelength: 660nm
NA of Objective Lens: 0.6
Reproducing Power: 1mW
Linear Velocity: 3.46 m/s

FIG. 40B



Reproducing Apparatus 2

Laser Wavelength: 405 nm
NA of Objective Lens: 0.6
Reproducing Power: 2mW
Linear Velocity 3.46m/s

FIG. 41A

Amount of Passing Light
or Amount of Reflected
Light of Blue Laser Light

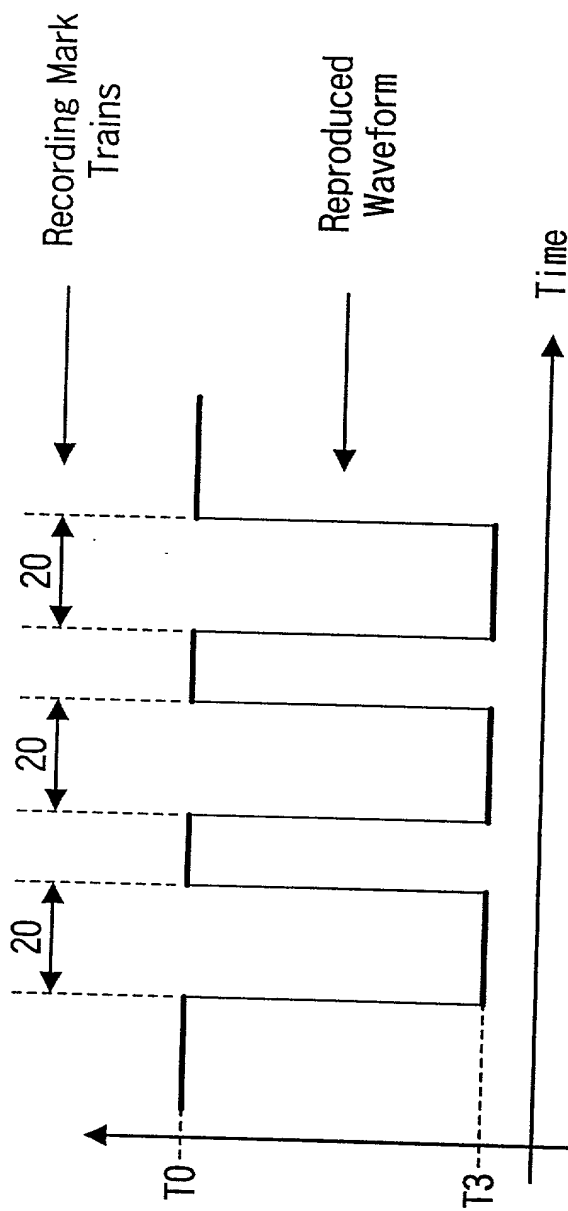
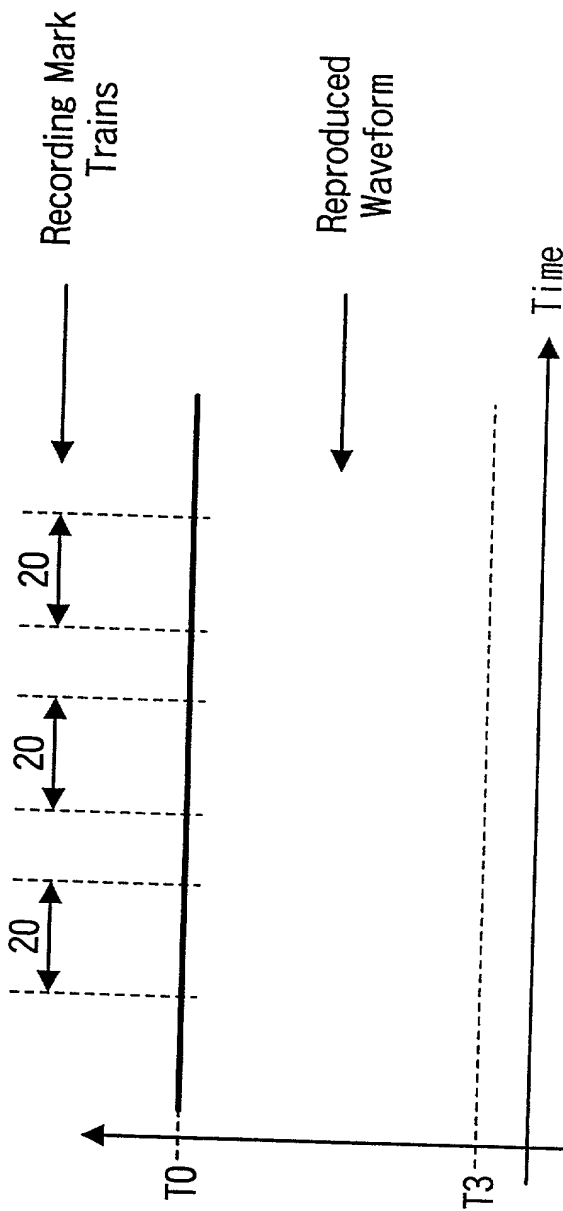


FIG. 41B

Amount of Passing Light
or Amount of Reflected
Light of Red Laser Light



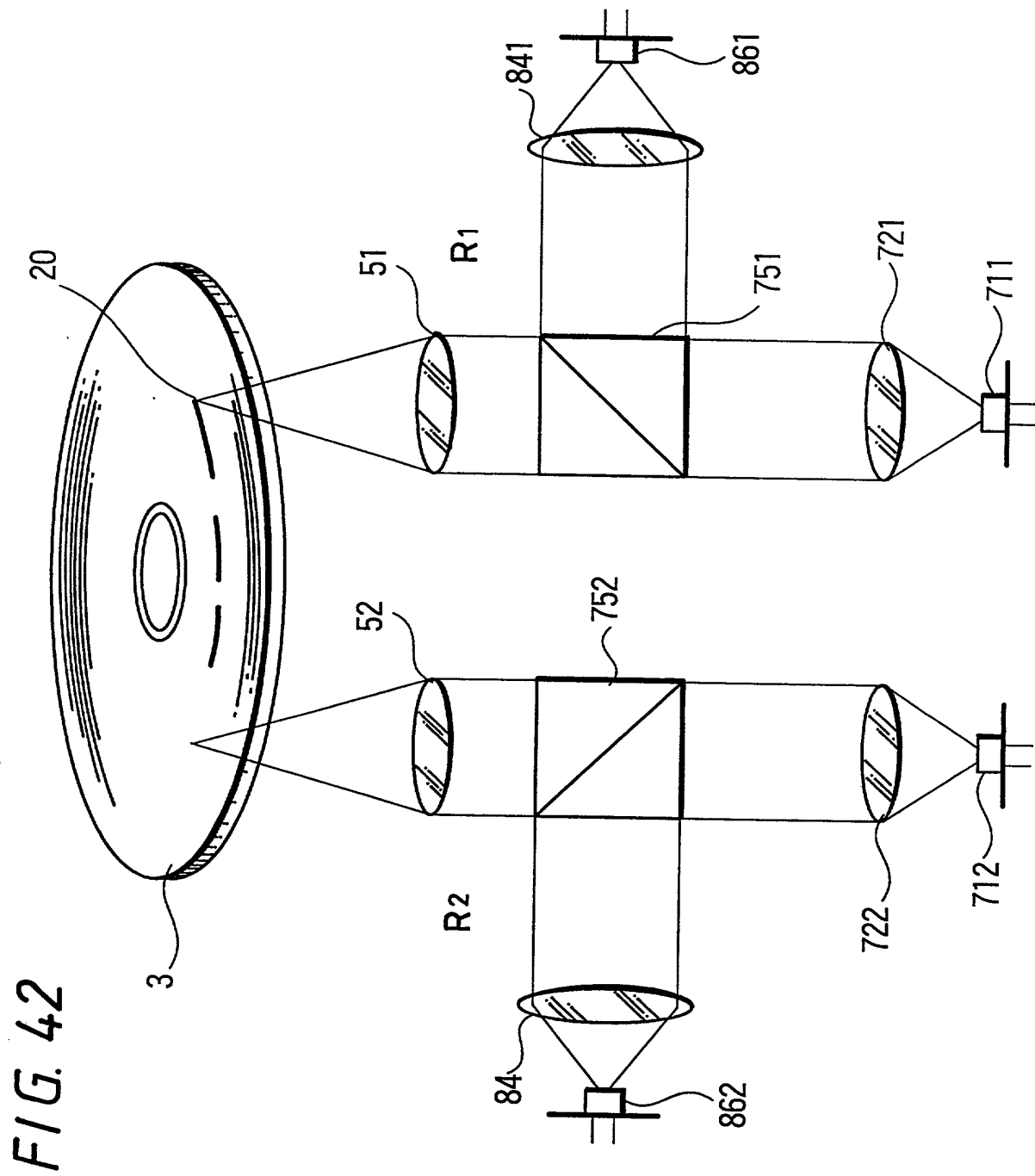


FIG. 43

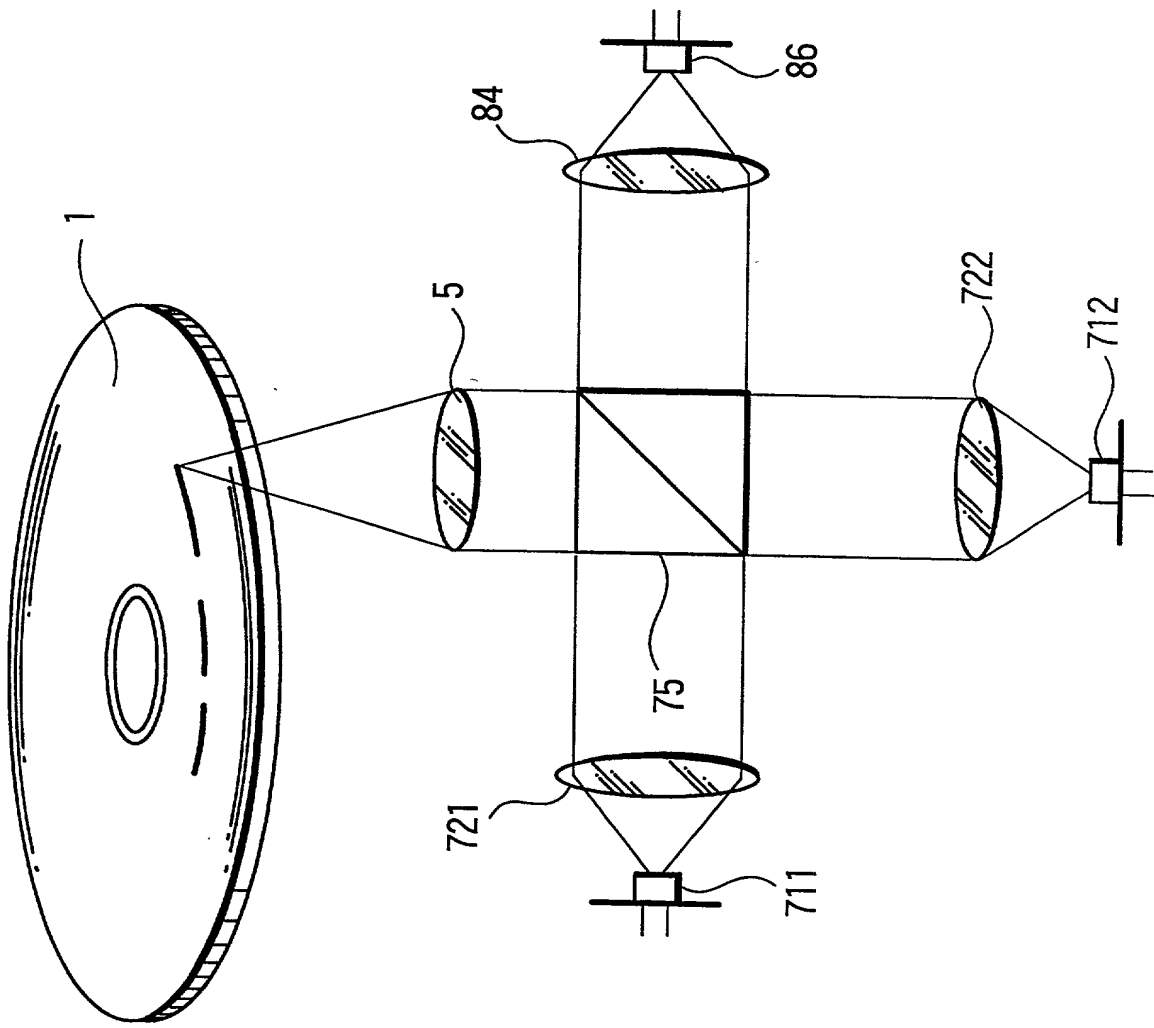


FIG. 44

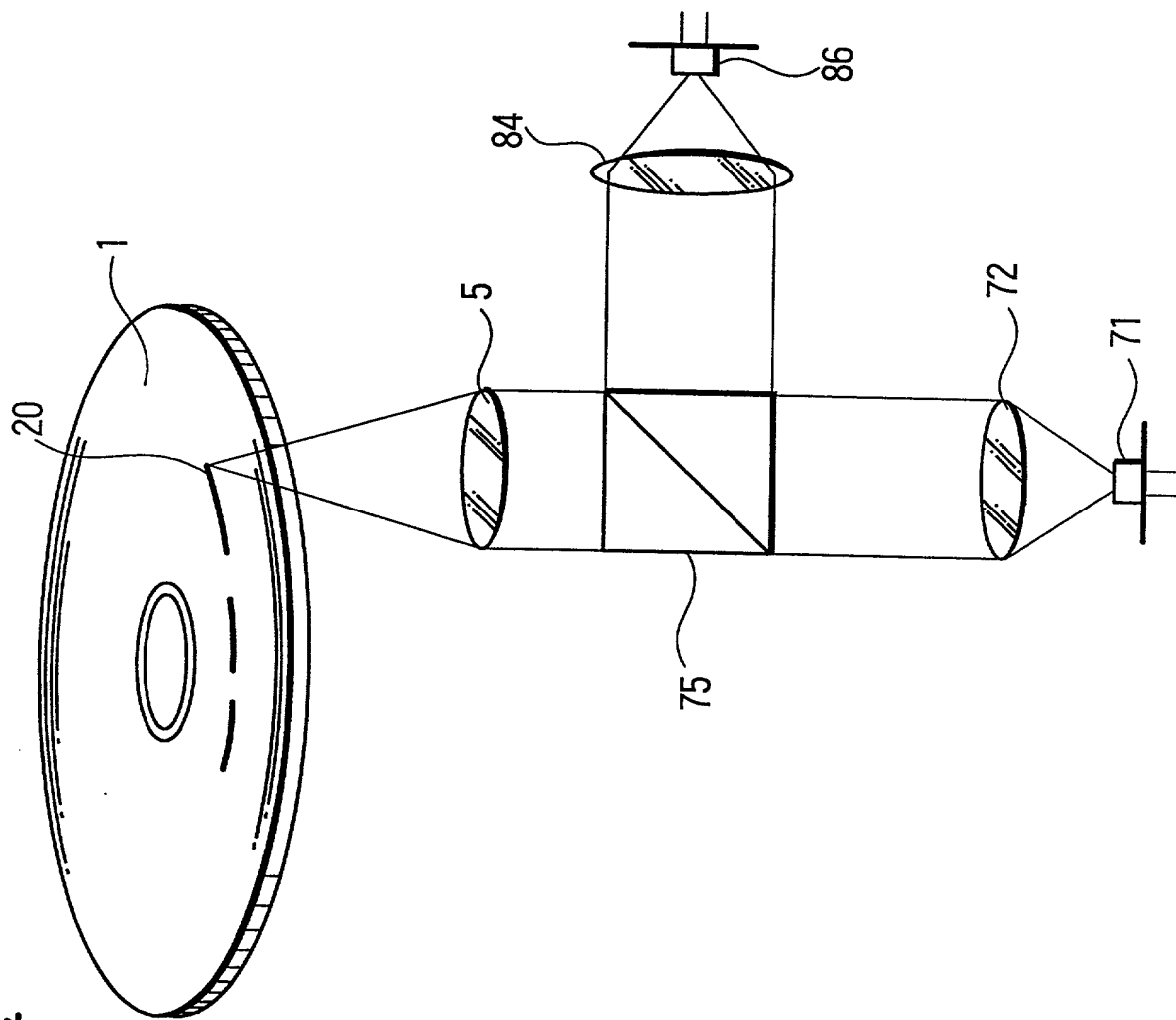


FIG. 45

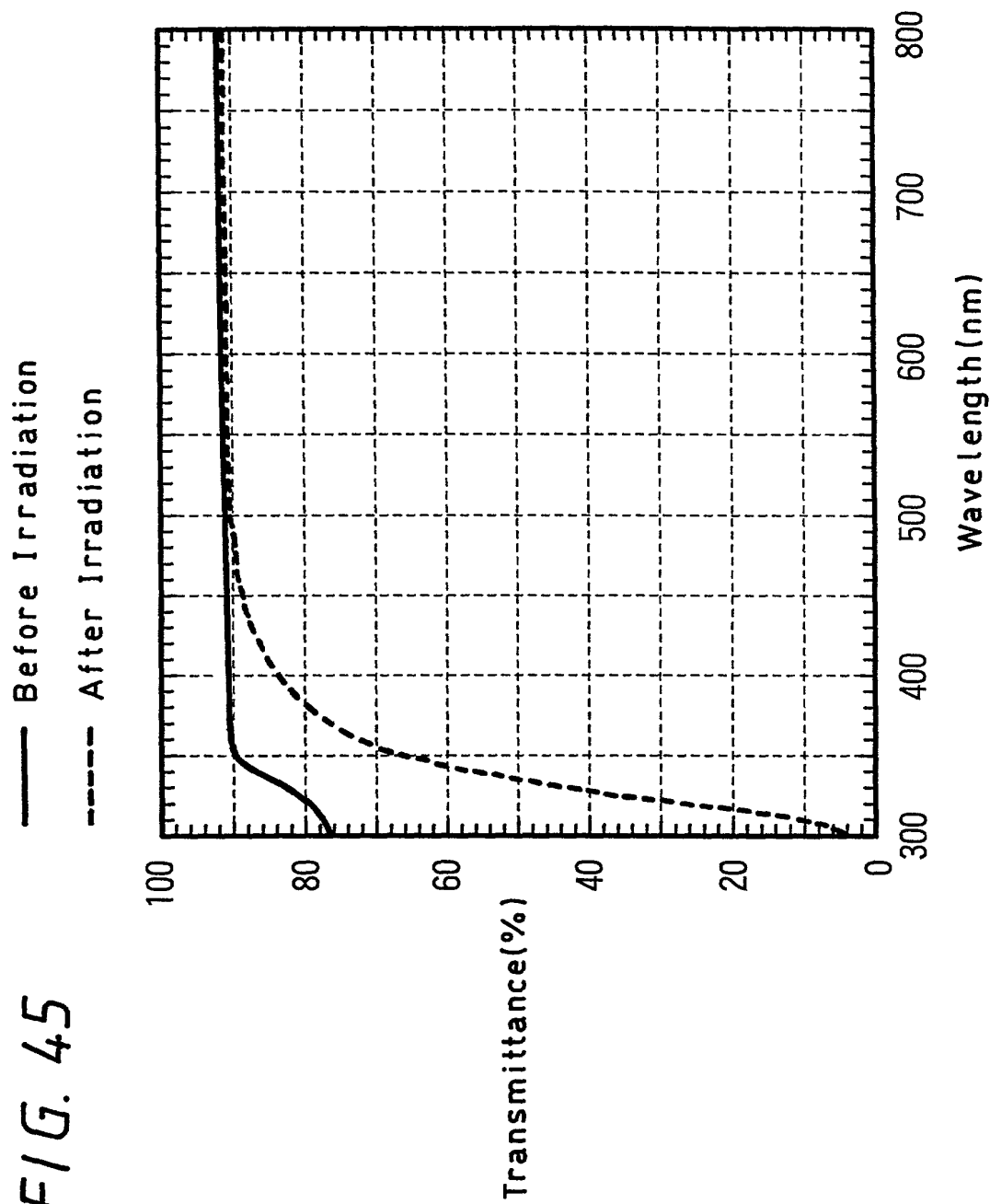


FIG. 46

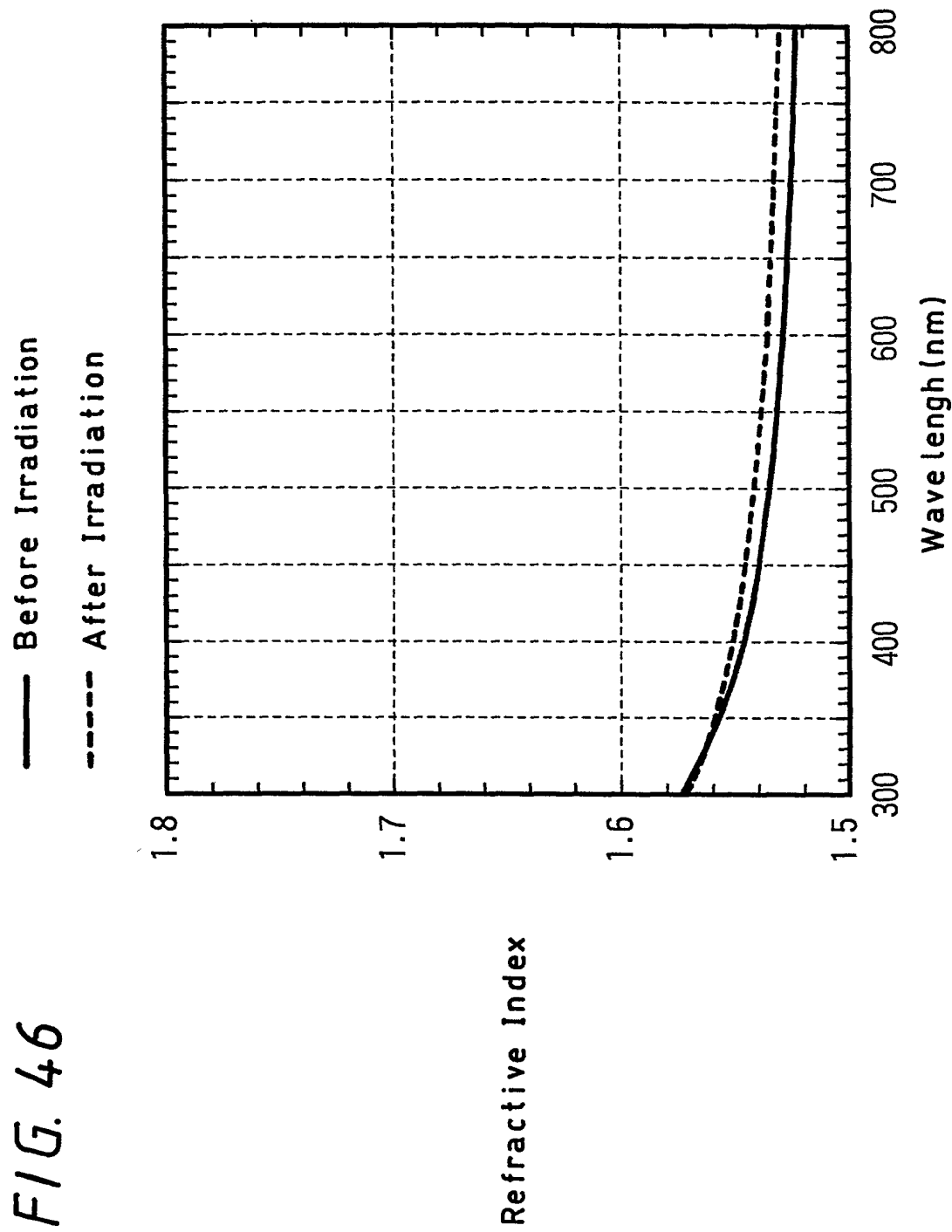


FIG. 47

